Toxics Release Inventory (TRI)
State File Documentation for RY 2000

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1.0 Overview

The Toxics Release Inventory (TRI) State Data Files are a set of six files that collectively contain all the data that was submitted on the Toxic Chemical Release Inventory Reporting Forms (Form R and Form A) by facilities located in a selected state. The data has been extracted from the Envirofacts database system. The six files and their contents are as follows:

File	Description of Contents
Type 1	Facility, Chemical, Releases and Other Waste Management Summary Information
Type 2A	Detailed Source Reduction Activities and Methods
Type 2B	Detailed Waste Management
Type 3A	Details of Transfers Off-Site
Type 3B	Details of Transfers to Publicly Owned Treatment Works (POTW)
Type 4	Facility Information Directory

These files are identified (named) by state and file type. File VA_1.txt", for example is the Facility, Chemical, Releases and Other Waste Management Summary Information (File Type 1) for all facilities located in Virginia (VA).

In addition to a file sets for each state, there are also 2 more file sets. There is a Federal file set (FED1.txt, FED2.txt, etc.) which contains data on all government owned, contractor operated and federal sites. There is also a set of files that represents the whole database (all states). The files in this set are named US1.txt, US2A.txt, etc.

2.0 Noted Changes from the Previous Year's (RY 1999) State Data Files

For Reporting Year 2000, a number of changes have occurred to the State Data Files. This section will highlight the those changes. New or altered fields in the subsequent record layouts are identified by a gray background shading. The changes to the RY 2000 State Data Files include the addition of Dioxin and Dioxin-like Compounds and supporting fields, a GOCO indicator, expanded address capacity in the form of a province field and the new Process as an impurity indicator. The following sections will highlight these changes.

2.1 The addition of Dioxin and Dioxin-like Compounds

For reporting year 2000, facilities were required to report the release of Dioxins and Dioxin-like Compounds. This resulted in a number of data items being added to the Toxics Release Inventory Reporting Forms A and R. Section 1.4 of Part II was added to the forms to facilitate the reporting of these new chemicals. The new section includes 17 data fields (and one "Non-Applicable" check box) so that facilities could specify the distribution of chemicals within the Dioxin or Dioxin-like Compound being reported.

For reporting year 2000, data fields were added to state data files 1, 2A, 2B, 3A and 3B to represent the values of the dioxin or dioxin-like compounds that were added to the forms. These values are represent under the names "Dioxin Distribution 1", "Dioxin Distribution 2"… "Dioxin Distribution 17" in 5 state data files mentioned above. Besides the distribution values, dioxins and dioxin-like compounds caused the addition of 2 more fields to the state data files.

Dioxin and dioxin-like compounds are reported in grams. This deviates from the past when all chemicals were reported in "pounds" only. Because there are now 2 units of measure for reporting different TRI chemicals, a new field, called "Units of Measure", was added to the state data files to identify which scale is being used. This field has been added to state data files 1, 2A, 2B, 3A and 3B.

A new categorization field was added to the state data files also. It's called "Classification" and will be used to identify which general category a chemical belongs to. TRI chemicals can be classified as either a Dioxin or Dioxin-Like compound (Dioxin), a Persistent Bioaccumulative and Toxic (PBT) chemical or a general EPCRA Section 313 chemical (TRI). This field will contain one of 3 values {Dioxin, PBT or TRI} to respectively represent the a fore mentioned categories.

2.2 Two New Fields from Part I of the Reporting Forms

In part I, section 4.2 of the TRI reporting form R and A, a new check box was added to further identify a facility. The "GOCO" check box was added to clearly indicate if a facility is a

Government Owned, Contractor Operated (GOCO) facility. In conjunction with the Federal Facility check box, a clear determination can be made as a whether a facility is a GOCO facility, a pure federal facility or neither. On the State Data Files, the "GOCO Facility Ind" field has been added to represent whether a facility is a GOCO facility or not. It can be found in all the state data files near the other Part I, section 4.2 fields… "Entire Facility Ind", "Partial Facility Ind" and "Federal Facility Ind".

A new field was also added to the state data files to more accurately represent the mailing address of a facility if it is outside of the United States. The "Mailing Province" field was added to state data files 1 and 4 to represent the province of a facility's mailing address. In addition, in state data file 3A, the "Off-Site Province" field serves the same purpose for off-site transfer locations (if they are outside of the United States).

2.3 One New Field and One Renamed Field in the Chemical Activities and Uses section

A new data item was added to Part II, Section 3.2 of the Form R. In this section, the "Process the Toxic Chemical" section, the "As an Impurity" field was added. This is reflected in the state data files in the new field entitled "As a Process Impurity".

In last year's state data file, there was a field called "As an Impurity". It indicated whether the chemical was produced or imported at the facility as an impurity. This field originates from the Part II, 3.1 section entitled "Manufacture the Toxic chemical". To clarify what this field represents and to not confuse it with the newly added "As a Process Impurity" field, it was renamed in RY 2000 to "As a Manufactured Impurity" in this year's State Data Files.

2.4 Other changes to the State Data Files

Besides the addition of the 21 new fields and the renaming of another, there are a few more changes that were made to the state data files. First, the delimiter in the files has been changed from a comma (with quotation marks as string qualifiers) to a tilde ('~'). This was done because several facility names already contained commas as well as quotation marks. Using the old delimiter pattern caused inaccuracies in the data.

Another thing to be aware of in the reporting year 2000 State Data Files in the precision of all quantity values. In the past chemical quantities for release, transfer or source reduction were measured in only whole numbers. Now, with the advent of the dioxins and the additional reporting accuracy of PBT chemicals, numbers with up to seven decimal places will be used to represent quantities. PBT chemicals will be expressed with an accuracy of .1 pounds. Dioxins and Dioxin-like compounds are measured in grams and can be represented with up to seven decimal places.

Finally, the "Detailed Waste Management and Source Reduction Activities" file (file number 2 from Reporting Year 1999) has been split into 2 separate files for reporting year 2000. The first

will contain only Form R section 8 information. This file will known as File "2A" and will be entitled "Detailed Source Reduction Activities and Methods" The second new file, as a result of the split, will contain only Form R section 7A data. This will be file "2B" and will be entitled "Detailed Waste Management".

2.5 Mapping the Form R/A Sections to each File

	Part I					Part II													
	1	2	3	4	5	1	2	3	4	5	6.1.A	6.1.B	6.2	6.2abc	7A	7B	7C	8	Total Fields
File 1	*	*	*	*	*	*		*	*	*	*			*		*	*	P1	206
File 2A	*	P2		*	*	*												*	115
File 2B	*	P2		*	*	*													113
File 3A	*			*	*	*							*	*					159
File 3B	*			*	*	*					*	*							66
File 4	*		*	*	*														42

P1- Section 8, these specific cells (8.2.B, 8.4.B, 8.6.B)
These cells are Current Year Energy Recover, Recycled and Treated on-site quantities

P2 - Only 2.1. Trade Secret Indicator

Part & Section Definitions

Part	Section	Definition
I	1	Reporting Year
I	2	Trade Secret
I	3	Certification
I	4	Facility Identification
□		
I	5	Parent Company Info
II	1	Toxic Chemical Identity
II	2	Mixture Component Identity
II	3	Activities and Uses of the Toxic Chemical at the Facility
II	4	Maximum Amount of Chemical On-site at any time during the Calendar Year
II	5	Quantity of the Toxic Chemical Entering each Environmental Medium Onsite
II	6.1.A	Discharges to Publicly Owned Treatment Works (POTWs) - Total Transfer Quantity
II	6.1.B	Discharges to Publicly Owned Treatment Works (POTWs) - POTW name and location
II	6.2	Transfers to other Off-Site Locations - Name an location of Transfer site
II	6.2abc	Transfers to other Off-Site Locations - Total Transfer Quantities, Est.Basis, Type of Treatment/Disposal
II	7A	On-Site Waste Treatment Methods and Efficiency
II	7B	On-Site Energy Recovery Processes
II	7C	On-Site Recycling Processes
II	8	Source Reduction and Recycling Activities

3.0 Field Descriptions

The following sections contain the record structure for each of the Toxics Release Inventory (TRI) State Files. The codes and definitions used in the following record descriptions are listed in the *Toxic Chemical Release Inventory Reporting Forms and Instructions* booklet.

The record descriptions in each of the following sections contain the following columns and information:

- $ Number - the sequential number of the data element in the record
- $ Field Name - the TRI System field name of the data element
- $ Data Type - AC@ for character data (alphanumeric); AN@ for numeric data; and AD@ for date
- $ Description - a brief statement of what the data element represents along with its TRI System *Source* (in **Table Name**.Field Name format) and the Form R reference

The data contained in each of the five files are tilde ('~') delimited (a tilde is placed between each data element).

The first record (row) of each file contains the field names for that file type.

3.1 Facility, Chemical, Releases and Other Waste Management Summary Information Record (Type 1)

Num.	Field Name	Type	Description
1	FORM TYPE	C	An indicator identifying whether Form R or Certification Statement was submitted. R = Long Form (Form R) A = Short Form (Form A, Certification Statement.) *Source:* **TRI_REPORTING_FORM.** FORM_TYPE_IND *Reference:* Type of Form Used
2	REPORTING YEAR	C	The calendar year in which the reported activities occur. *Source:* **TRI_REPORTING_FORM.** REPORTING_YEAR *Reference:* Part I, Section 1
3	TRADE SECRET INDICATOR	C	Indicates whether the reporting facility claims the identity of the chemical or chemical category as a trade secret. Yes = Checked (Trade Secret) No = Not checked Note: Only Sanitized Trade Secret submissions are stored in the TRIS database. *Source:* **TRI_REPORTING_FORM.** TRADE_SECRET_IND *Reference*: Part I, Section 2.1
4	SANITIZED INDICATOR	C	Indicates whether the reporting facility has sanitized trade secret information. Yes = Checked (form information sanitized) No = Not checked *Source:* **TRI_REPORTING_FORM.** SANITIZED_IND *Reference*: Part I, Section 2.2
5	TITLE OF CERTIFYING OFFICIAL	C	The corporate title of the senior official certifying the accuracy and completeness of information on the submission. *Source:* **TRI_REPORTING_FORM.** CERTIF_OFFICIAL_TITLE *Reference:* Part I, Section 3

Num.	Field Name	Type	Description
6	NAME OF CERTIFYING OFFICIAL	C	The name of the senior official certifying the accuracy and completeness of the information on the submission. *Source:* **TRI_REPORTING_FORM.** CERTIF_NAME *Reference:* Part I, Section 3
7	CERTIFYING OFFICIALS SIGNATURE INDICATOR	C	Indicates whether the certifying signature is provided. Possible values are: Original = original signature Photocopy = photocopy of signature No Signature = no signature NA = not applicable- magnetic media submission *Source:* **TRI_REPORTING_FORM.** CERTIF_SIGNATURE *Reference:* Part I, Section 3
8	DATE SIGNED	D	The date of the certifying signature. The format is YYYY-MM-DD. *Source*: **TRI_REPORTING_FORM.** CERTIF_DATE_SIGNED *Reference:* Part I, Section 3
9	TRIFID	C	Facility identification in the format zzzzz-nnnnn-sssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. **NOTE:** *The content of this field is **not** changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location.* *Source:* **TRI_FACILITY.** TRI_FACILITY_ID *Reference:* Part I, Section 4.1
10	FACILITY NAME	C	Name of the reporting facility. *Source:* **TRI_FACILITY.**FACILITY_NAME *Reference:* Part I, Section 4.1

Num.	Field Name	Type	Description
11	FACILITY STREET	C	Street address of the reporting facility. *Source:* **TRI_FACILITY.**STREET_ADDRESS *Reference:* Part I, Section 4.1
12	FACILITY CITY	C	City in which the reporting facility is located. *Source:* **TRI_FACILITY.**CITY_NAME *Reference:* Part I, Section 4.1
13	FACILITY COUNTY	C	County in which the reporting facility is located. *Source:* **TRI_FACILITY.**COUNTY_NAME *Reference:* Part I, Section 4.1
14	FACILITY STATE	C	Two-letter state code of the reporting facility. *Source:* **TRI_FACILITY.**STATE_ABBR *Reference:* Part I, Section 4.1
15	FACILITY ZIP CODE	C	ZIP code of the reporting facility. *Source:* **TRI_FACILITY.** ZIP_CODE *Reference:* Part I, Section 4.1
16	MAILING NAME	C	The first and second lines of the mailing name for the facility. *Source:* **TRI_FACILITY.**MAIL_NAME
17	MAILING STREET	C	Street address of the reporting facility s mailing address. *Source:* **TRI_FACILITY.** MAIL_STREET_ADDRESS *Reference:* Part I, Section 4.1
18	MAILING CITY	C	City name provided by the reporting facility to which mail is to be sent *Source:* **TRI_FACILITY.**MAIL_CITY *Reference:* Part I, Section 4.1
19	MAILING STATE	C	State of the reporting facility s mailing address. *Source:* **TRI_FACILITY.**MAIL_STATE_ABBR *Reference:* Part I, Section 4.1

Num.	Field Name	Type	Description
20	MAILING PROVINCE	C	Province of the reporting facility's mailing address. *Source:* **TRI_FACILITY.**MAIL_PROVINCE *Reference:* Part I, Section 4.1
21	MAILING ZIP CODE	C	Zip code of the reporting facility s mailing address. *Source:* **TRI_FACILITY.**MAIL_ZIP_CODE *Reference:* Part I, Section 4.1
22	ENTIRE FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = entire No = partial *Source:* **TRI_REPORTING_FORM.**ENTIRE_FAC *Reference:* Part I, Section 4.2a
23	PARTIAL FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility: Yes = partial No = entire *Source:* **TRI_REPORTING_FORM.**PARTIAL_FAC *Reference:* Part I, Section 4.2b
24	FEDERAL FACILITY IND	C	Code indicating whether a facility is Federal or not: Yes = Federal No = non-Federal *Source:* **TRI_REPORTING_FORM.**FEDERAL_ FAC_IND *Form R:* Part I Section 4.2c
25	GOCO FACILITY IND	C	Code indicating whether a facility is GOCO (Government-Owned, Contractor-Operated) facility or not: Yes = GOCO No = non-GOCO *Source:* **TRI_REPORTING_FORM.**GOCO_ FLAG *Form R:* Part I Section 4.2d

Num.	Field Name	Type	Description
26	PUBLIC CONTACT NAME	C	Name of the individual whom the public may contact if clarification of data is needed. *Source:* **TRI_REPORTING_FORM.**PUBLIC_CONTACT_PERSON *Reference:* Part I, Section 4.4
27	PUBLIC CONTACT PHONE	C	Area code and telephone number of the public contact. *Source:* **TRI_REPORTING_FORM.**PUBLIC_CONTACT_PHONE *Reference:* Part I, Section 4.4
28	PRIMARY SIC CODE	C	Primary four-digit Standard Industrial Classification (SIC) Code. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Where:* primary_ind = ›1' *Reference:* Part I, Section 4.5a
29	SIC CODE 2	C	Second four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Where:* sic_sequence_num = ›2' *Reference:* Part I, Section 4.5b
30	SIC CODE 3	C	Third four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Where:* sic_sequence_num = ›3' *Reference:* Part I, Section 4.5c
31	SIC CODE 4	C	Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Where:* sic_sequence_num = ›4' *Reference:* Part I, Section 4.5d

Num.	Field Name	Type	Description
32	SIC CODE 5	C	Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Where:* sic_sequence_num = ›5' *Reference:* Part I, Section 4.5e
33	SIC CODE 6	C	Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Where:* sic_sequence_num = ›6' *Reference:* Part I, Section 4.5f
34	LATITUDE	N	Reported latitude of the reporting facility **converted into decimal degrees** (Format: signed 2 digit whole number, 6 digit decimal positions +nn.nnnnnn). *Source:* **TRI_FACILITY.**FAC_LATITUDE *Reference:* Part I, Section 4.6
35	LONGITUDE	N	Reported longitude of the reporting facility **converted into decimal degrees.** (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source:* **TRI_FACILITY.**LONGITUDE *Reference:* Part I, Section 4.6
36	D&B NR A	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **TRI_FACILITY_DB.**DB_NUM *Reference:* Part I, Section 4.7a
37	D&B NR B	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **TRI_FACILITY_DB.**DB_NUM *Reference:* Part I, Section 4.7b
38	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source:* **TRI_FACILITY_RCRA.**RCRA_NUM *Reference:* Part I, Section 4.8a

Num.	Field Name	Type	Description
39	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source:* **TRI_FACILITY_RCRA.**RCRA_NUM *Reference:* Part I, Section 4.8b
40	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* **TRI_FACILITY_NPDES.**NPDES_NUM *Reference:* Part I, Section 4.9a
41	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* **TRI_FACILITY_NPDES.**NPDES_NUM *Reference:* Part I, Section 4.9b
42	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class I wells. *Source:* **TRI_FACILITY_UIC.**UIC_NUM *Reference:* Part I, Section 4.10a
43	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class II to V wells. *Source:* **TRI_FACILITY_UIC.**UIC_NUM *Reference:* Part I, Section 4.10b
44	PARENT COMPANY NAME	C	Name of the corporation or other business entity that owns or controls the reporting facility. *Source:* **TRI_FACILITY.**PARENT_CO_ NAME *Reference:* Part I, Section 5.1

Num.	Field Name	Type	Description
45	PARENT COMPANY D&B NR	C	Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility. *Source:* **TRI_FACILITY.**PARENT_CO_DB_NUM *Reference:* Part I, Section 5.2
46	DOCUMENT CONTROL NUMBER	C	Unique identification number assigned to each submission by EPA. Format: TTYYMMMNNNNNC, where TT = document type YY = reporting year MMM = document type NNNNN= sequential number C = check digit *Source:* **TRI_REPORTING_FORM.**DOC_CTRL_NUM *Format:* (13 + RY + DOC_TYPE + SEQ_NUM + Check digit) *Reference:* NA (System generated)
47	CAS NUMBER	C	Chemical Abstracts Service (CAS) Registry Number for that unique chemical, or category code (for compounds). **NOTE:** *CAS number 999999999 is for sanitized trade secret submissions; CHEM_NAME displays the reported generic chemical name.* *Source:* **TRI_REPORTING_FORM.**TRI_CHEM_ID *Reference:* Part II, Section 1.1
48	CHEMICAL NAME		Name of the chemical or generic name if the chemical is claimed as a trade secret. *Source:* **TRI_REPORTING_FORM.**CAS_CHEM_NAME *Reference:* Part II, Section 1.2 *or* Part II, Section 1.3

Num.	Field Name	Type	Description
49	CLASSIFICATION	C	Indicates the classification of the chemical. Chemicals can be classified as either a Dioxin or Dioxin-like compound, a PBT (Persistent, Bioaccumulative and Toxic) chemical or a general EPCRA Section 313 chemical. Values: {TRI, PBT, DIOXIN} where TRI = General EPCRA Section 313 Chem. PBT = Bioaccumulative and Toxic DIOXIN = Dioxin or Dioxin-like compound *Source:* **TRI_CHEM_INFO.** CLASSIFICATION *Reference:* NONE
50	UNIT OF MEASURE	C	Indicates the unit of measure used to quantify the chemical. Values: {Pounds, Grams} *Source:* **TRI_CHEM_INFO.** UNIT_OF_MEASURE *Reference:* NONE
51	DIOXIN DISTRIBUTION 1	N	Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzofuran (CAS # 67562-39-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_1 *Reference:* Part II, Section 1.4
52	DIOXIN DISTRIBUTION 2	N	Indicates the percentage of 1,2,3,4,7,8,9 Heptachlorodibenzofuran (CAS # 55673-89-7) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_2 *Reference:* Part II, Section 1.4

Num.	Field Name	Type	Description
53	DIOXIN DISTRIBUTION 3	N	Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzofuran (CAS # 70648-26-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_3 *Reference:* Part II, Section 1.4
54	DIOXIN DISTRIBUTION 4	N	Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzofuran (CAS # 57117-44-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_4 *Reference:* Part II, Section 1.4
55	DIOXIN DISTRIBUTION 5	N	Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzofuran (CAS # 72918-21-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_5 *Reference:* Part II, Section 1.4
56	DIOXIN DISTRIBUTION 6	N	Indicates the percentage of 2,3,4,6,7,8 Hexachlorodibenzofuran (CAS # 60851-34-5) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_6 *Reference:* Part II, Section 1.4

Num.	Field Name	Type	Description
57	DIOXIN DISTRIBUTION 7	N	Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzo- p-dioxin (CAS # 39227-28-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_7 *Reference:* Part II, Section 1.4
58	DIOXIN DISTRIBUTION 8	N	Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzo- p-dioxin (CAS # 5765385-7) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_8 *Reference:* Part II, Section 1.4
59	DIOXIN DISTRIBUTION 9	N	Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzo- p-dioxin (CAS # 19408-74-3) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_9 *Reference:* Part II, Section 1.4
60	DIOXIN DISTRIBUTION 10	N	Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzo- p-dioxin (CAS # 35822-46-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_10 *Reference:* Part II, Section 1.4

Num.	Field Name	Type	Description
61	DIOXIN DISTRIBUTION 11	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzofuran (CAS # 39001-02-0) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_11 *Reference:* Part II, Section 1.4
62	DIOXIN DISTRIBUTION 12	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzo- p-dioxin (CAS # 03268-87-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_12 *Reference:* Part II, Section 1.4
63	DIOXIN DISTRIBUTION 13	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzofuran (CAS # 57117-41-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_13 *Reference:* Part II, Section 1.4
64	DIOXIN DISTRIBUTION 14	N	Indicates the percentage of 2,3,4,7,8 Pentachlorodibenzofuran (CAS # 57117-31-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_14 *Reference:* Part II, Section 1.4

Num.	Field Name	Type	Description
65	DIOXIN DISTRIBUTION 15	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzo- p-dioxin (CAS # 40321-76-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_15 *Reference:* Part II, Section 1.4
66	DIOXIN DISTRIBUTION 16	N	Indicates the percentage of 2,3,7,8 Tetrachlorodibenzofuran (CAS # 51207-31-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_16 *Reference:* Part II, Section 1.4
67	DIOXIN DISTRIBUTION 17	N	Indicates the percentage of 2,3,78 Tetrachlorodibenzo- p-dioxin (CAS # 01746-01-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source:* **TRI_REPORTING_FORM.** DIOXIN_DISTRIBUTION_17 *Reference:* Part II, Section 1.4
68	PRODUCE THE CHEMICAL	C	Indicates whether the chemical is produced at this facility. Yes = produced here No = not produced here *Source:* **TRI_CHEM_ACTIVITY.**PRODUCE *Reference:* Part II, Section 3.1a
69	IMPORT THE CHEMICAL	C	Indicates whether the chemical is imported at this facility. Yes = imported No = not imported *Source:* **TRI_CHEM_ACTIVITY.**IMPORTED *Reference:* Part II, Section 3.1b

Num.	Field Name	Type	Description
70	ON-SITE USE	C	Indicates whether the chemical is produced or imported for on-site use at this facility. Yes = on-site use No = not used on-site *Source:* **TRI_CHEM_ACTIVITY.**USED_ PROCESSED *Reference:* Part II, Section 3.1c
71	SALE OR DISTRIBUTION	C	Indicates whether the chemical is produced or imported at this facility for sale or distribution. Yes = imported for sale No = not imported for sale *Source:* **TRI_CHEM_ACTIVITY.**SALE_ DISTRIBUTION *Reference:* Part II, Section 3.1d
72	AS A BYPRODUCT	C	Indicates whether the chemical is produced or imported at this facility as a byproduct. Yes = byproduct No = not byproduct *Source:* **TRI_CHEM_ACTIVITY.**BYPRODUCT *Reference:* Part II, Section 3.1e
73	AS A MANUFACTURED IMPURITY	C	Indicates whether the chemical is produced or imported at this facility as an impurity. Formerly know as "AS AN IMPURITY" in RY 1999 Yes = impurity No = not impurity *Source:* **TRI_CHEM_ACTIVITY.** MANUFACTURE_IMPURITY *Reference:* Part II, Section 3.1f
74	AS A REACTANT	C	Indicates whether the chemical is at this facility as a reactant. Yes = reactant No = not reactant *Source:* **TRI_CHEM_ACTIVITY.**REACTANT *Reference:* Part II, Section 3.2a

Num.	Field Name	Type	Description
75	AS A FORMULATION COMPONENT	C	Indicates whether the facility adds the reported chemical to a product or product mixture prior to further distribution of that product to act as a performance enhancer during the use of the product. Includes, but not limited to, additives, dyes, reaction diluents, initiators, solvents, inhibitors, emulsifiers, surfactants, lubricants, flame retardents, and rheological modifiers. Yes = formulation component No = not formulation component *Source:* **TRI_CHEM_ACTIVITY.**FORMULATION_COMPONENT *Reference:* Part II, Section 3.2b
76	AS AN ARTICLE COMPONENT	C	Indicates whether the facility uses the reported chemical as an integral component of an article distributed for industrial, trade, or consumer use. Yes = integral component No = not integral component *Source:* **TRI_CHEM_ACTIVITY.**ARTICAL_COMPONENT *Reference:* Part II, Section 3.2c
77	REPACKAGING	C	Indicates whether the chemical is processed at this facility by repackaging for distribution in commerce in a different form, state, or quantity. Yes = repackaged No = not repackaged *Source:* **TRI_CHEM_ACTIVITY.**REPACKAGING *Reference:* Part II, Section 3.2d

Num.	Field Name	Type	Description
78	AS A PROCESS IMPURITY	C	Indicates whether the facility processed the reported chemical but did not separate it and it remains as an impurity in the primary the mixture or trade name product. Yes = Process Impurity No = Not a Process Impurity *Source:* **TRI_CHEM_ACTIVITY.**PROCESS_IMPURITY *Reference:* Part II, Section 3.2e
79	AS A CHEMICAL PROCESSING AID	C	Indicates whether the chemical is used at this facility as a chemical processing aid by adding the reported chemical to a reaction mixture or synthesis of another chemical substance, without intending for it to remain as a part of the mixture. Yes = processing aid No = not a processing aid *Source:* **TRI_CHEM_ACTIVITY.**CHEM_PROCESSING_AID *Reference:* Part II, Section 3.3a
80	AS A MANUFACTURING AID	C	Indicates whether the chemical is used at this facility to aid the manufacturing process, without intending for it to become part of the resulting product or the reaction mixture, during the manufacture or synthesis of another chemical substance. Yes = manufacturing aid No = not a manufacturing aid *Source:* **TRI_CHEM_ACTIVITY.**MANUFACTURE_AID *Reference:* Part II, Section 3.3b

Num.	Field Name	Type	Description
81	ANCILLARY OR OTHER USE	C	Indicates whether the chemical is used at this facility for purposes other than aiding chemical processing or manufacturing. Includes, but not limited to, cleaners, degreasers, lubricants, fuels, and chemicals used for treating wastes. Yes = for ancillary or other use No = not for ancillary or other use *Source:* **TRI_CHEM_ACTIVITY.**ANCILLARY *Reference:* Part II, Section 3.3c
82	MAXIMUM AMOUNT ONSITE	C	This code indicates the maximum quantity of the chemical at the facility at any time during the calendar year. Includes sum of all on-site locations within any reporting facility. *Source:* **TRI_REPORTING_FORM** MAX_AMOUNT_OF_CHEM *Reference:* Part II, Section 4.1
83	FUGITIVE AIR EMISSIONS - TOTAL RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released to the environment from the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.1.A
84	FUGITIVE AIR EMISSIONS - TOTAL RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.1.A

Num.	Field Name	Type	Description
85	TOTAL FUGITIVE AIR EMISSIONS	N	System generated total fugitive air emission in pounds/year. If the field FUGITIVE AIR EMISSIONS - TOTAL RELEASE POUNDS (#83) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field FUGITIVE AIR EMISSIONS – TOTAL RELEASE RANGE CODE (#84) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
86	FUGITIVE OR NON-POINT AIR EMISSIONS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated: M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.1.B
87	STACK AIR EMISSIONS - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released to the environment from the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.2.A

Num.	Field Name	Type	Description
88	STACK AIR EMISSIONS - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.2.A
89	TOTAL STACK AIR EMISSIONS	N	System generated total stack air emission in pounds/year. If the field STACK AIR EMISSIONS – RELEASE POUNDS (# 87) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field STACK AIR EMISSIONS – RELEASE RANGE CODE (#88) is used for the total emission value. *Source:***TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
90	STACK OR POINT AIR EMISSIONS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.2.B

Num.	Field Name	Type	Description
91	TOTAL AIR EMISSIONS	N	System generated by adding the contents of the TOTAL FUGITIVE AIR EMISSIONS (# 85) and TOTAL STACK AIR EMISSIONS (# 89). *Source:* System generated *Reference:* None
92	DISCHARGES TO STREAM A - STREAM NAME	C	The name of the first receiving stream or water body reported as it appears on the NPDES permit for the facility. *Source:* **TRI_WATER_STREAM.**STREAM_NAME *Reference:* Part II, Section 5.3.1
93	DISCHARGES TO STREAM A - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.3.1.A
94	DISCHARGES TO STREAM A - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.3.1.A

Num.	Field Name	Type	Description
95	TOTAL DISCHARGES TO STREAM A	N	System generated total release to the first reported stream or water body in pounds/year. If the field DISCHARGES TO STREAM A – RELEASE POUNDS (# 93) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field DISCHARGES TO STREAM A – RELEASE RANGE CODE (# 94) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
96	DISCHARGES TO STREAM A - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.3.1.B
97	DISCHARGES TO STREAM A - % FROM STORMWATER	N	The percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100. *Source:* **TRI_WATER_STREAM.**STORM_WATER_PERCENT *Reference:* Part II, Section 5.3.1.C
98	DISCHARGES TO STREAM B - STREAM NAME	C	The name of the second receiving stream or water body reported as it appears on the NPDES permit for the facility. *Source:* **TRI_WATER_STREAM.**STREAM_NAME *Reference:* Part II, Section 5.3.2

Num.	Field Name	Type	Description
99	DISCHARGES TO STREAM B - RELEASE POUNDS	N	Provides an estimate of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes may be used for releases of less than 1000 pounds. . *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.3.2.A
100	DISCHARGES TO STREAM B - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.3.2.A
101	TOTAL DISCHARGES TO STREAM B	N	System generated total release to the second reported stream or water body in pounds/year. If the field DISCHARGES TO STREAM B – RELEASE POUNDS (# 99) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field DISCHARGES TO STREAM B – RELEASE RANGE CODE (# 100) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None

Num.	Field Name	Type	Description
102	DISCHARGES TO STREAM B - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.3.2.B
103	DISCHARGES TO STREAM B - % FROM STORMWATER	N	The percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100. *Source:* **TRI_WATER_STREAM.**STORM_ WATER_PERCENT *Reference:* Part II, Section 5.3.2.C
104	DISCHARGES TO STREAM C - STREAM NAME	C	The name of the third receiving stream or water body reported as it appears on the NPDES permit for the facility. *Source:* **TRI_WATER_STREAM.**STREAM_NAME *Reference:* Part II, Section 5.3.3
105	DISCHARGES TO STREAM C - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.3.3.A

Num.	Field Name	Type	Description
106	DISCHARGES TO STREAM C - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.3.3.A
107	TOTAL DISCHARGES TO STREAM C	N	System generated total release to the third reported stream or water body in pounds/year. If the field DISCHARGES TO STREAM C – RELEASE POUNDS (# 105) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field DISCHARGES TO STREAM C – RELEASE RANGE CODE (# 106) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
108	DISCHARGES TO STREAM C - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.3.3.B

Num.	Field Name	Type	Description
109	DISCHARGES TO STREAM C - % FROM STORMWATER	N	Percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100. *Source:* **TRI_WATER_STREAM.**STORM_ WATER_PERCENT *Reference:* Part II, Section 5.3.3.C
110	DISCHARGES TO STREAM D - STREAM NAME	C	Name of the fourth receiving stream or water body reported as it appears on the NPDES permit for the facility. *Source:* **TRI_WATER_STREAM.**STREAM_NAME *Reference:* Part II, Section 5.3 (continued)
111	DISCHARGES TO STREAM D - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.3 (continued)
112	DISCHARGES TO STREAM D - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.3 (continued)

Num.	Field Name	Type	Description
113	TOTAL DISCHARGES TO STREAM D	N	System generated total release to the forth reported stream or water body in pounds/year. If the field DISCHARGES TO STREAM D – RELEASE POUNDS (# 111) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field DISCHARGES TO STREAM D – RELEASE RANGE CODE (# 112) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
114	DISCHARGES TO STREAM D - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.3 (continued)
115	DISCHARGES TO STREAM D - % FROM STORMWATER	N	The percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100. *Source:* **TRI_WATER_STREAM.**STORM_ WATER_PERCENT *Reference:* Part II, Section 5.3 (continued)
116	DISCHARGES TO STREAM E - STREAM NAME	C	The name of the fifth receiving stream or water body reported as it appears on the NPDES permit for the facility. *Source:* **TRI_WATER_STREAM.**STREAM_NAME *Reference:* Part II, Section 5.3 (continued)

Num.	Field Name	Type	Description
117	DISCHARGES TO STREAM E - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.3 (continued)
118	DISCHARGES TO STREAM E - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.3 (continued)
119	TOTAL DISCHARGES TO STREAM E	N	System generated total release to the fifth reported stream or water body in pounds/year. If the field DISCHARGES TO STREAM D – RELEASE POUNDS (# 117) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field DISCHARGES TO STREAM D – RELEASE RANGE CODE (# 118) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None

Num.	Field Name	Type	Description
120	DISCHARGES TO STREAM E - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.3 (continued)
121	DISCHARGES TO STREAM E - % FROM STORMWATER	N	Percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100. *Source:* **TRI_WATER_STREAM.**STORM_ WATER_PERCENT *Reference:* Part II, Section 5.3 (continued)
122	DISCHARGES TO STREAM F - STREAM NAME	C	The name of the sixth receiving stream or water body reported as it appears on the NPDES permit for the facility. *Source:* **TRI_WATER_STREAM.**STREAM_NAME *Reference:* Part II, Section 5.3 (continued)
123	DISCHARGES TO STREAM F - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released into the stream or water body from the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.3 (continued)

Num.	Field Name	Type	Description
124	DISCHARGES TO STREAM F - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.3 (continued)
125	TOTAL DISCHARGES TO STREAM F	N	System generated total release to the sixth reported stream or water body in pounds/year. If the field DISCHARGES TO STREAM F – RELEASE POUNDS (# 123) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field DISCHARGES TO STREAM D – RELEASE RANGE CODE (# 124) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
126	DISCHARGES TO STREAM F - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.3 (continued)

Num.	Field Name	Type	Description
127	DISCHARGES TO STREAM F - % FROM STORMWATER	N	The percentage of the total quantity (by weight) of the chemical released to water that is contributed by storm water runoff. The value is 0 through 100. *Source:* **TRI_WATER_STREAM.**STORM_ WATER_PERCENT *Reference:* Part II, Section 5.3 (continued)
128	TOTAL NUMBER OF RECEIVING STREAMS	N	The total number of streams reported by the facility as receiving toxic chemical releases. *Source:* System generated *Reference:* None
129	TOTAL SURFACE WATER DISCHARGE	N	Total of all individual total stream release fields. Sum of columns (95+101+107+113+119+125). *Source:* System generated *Reference:* None
130	UGRND INJ ONSITE TO CL I WELLS - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) injected onsite to Class I wells by the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.4.1A
131	UGRND INJ ONSITE TO CL I WELLS - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.4.1A

Num.	Field Name	Type	Description
132	TOTAL UGRND INJ ONSITE TO CL I WELLS - POUNDS	N	System generated total Class I well injection in pounds/year. If the field UGRND INJ ONSITE TO CL I WELLS – RELEASE POUNDS (#130) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field UGRND INJ ONSITE TO CL I WELLS – RELEASE RANGE CODE (#131) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
133	UGRND INJ ONSITE TO CL I WELLS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.4.1B
134	UGRND INJ ONSITE TO CL II-V WELLS - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) injected onsite to Class II wells by the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.4.2.A

Num.	Field Name	Type	Description
135	UGRND INJ ONSITE TO CL II-V WELLS - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.4.2A
136	TOTAL UGRND INJ ONSITE TO CL II-V WELLS - POUNDS	N	System generated total Class II-V well injection in pounds/year. If the field UGRND INJ ONSITE TO CL II-V WELLS – RELEASE POUNDS (#134) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field UGRND INJ ONSITE TO CL II-V WELLS – RELEASE RANGE CODE (#135) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
137	UNGRND INJ ONSITE TO CL II-V WELLS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.4.2B

Num.	Field Name	Type	Description
138	TOTAL UNDERGROUND INJECTION	N	Total, in pounds, of both Class I and II well injections for the facility (132 + 136). *Source:* System generated *Reference:* None
139	RCRA SUBTITLE C LANDFILLS - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released to RCRA Subtitle C landfills by the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.5.1.AA
140	RCRA SUBTITLE C LANDFILLS - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.5.1.AA

Num.	Field Name	Type	Description
141	TOTAL RCRA SUBTITLE C LANDFILLS	N	System generated total RCRA Subtitle C landfill release in pounds/year. If the field RCRA SUBTITLE C LANDFILLS – RELEASE POUNDS (# 139) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field RCRA SUBTITLE C LANDFILLS – RELEASE RANGE CODE (#140) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
142	RCRA SUBTITLE C LANDFILLS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.5.1.AB
143	OTHER LANDFILLS - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released to non-RCRA Subtitle C landfills by the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.5.1.BA

Num.	Field Name	Type	Description
144	OTHER LANDFILLS - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.5.1.BA
145	TOTAL OTHER ON-SITE LAND RELEASES	N	System generated total non-RCRA Subtitle C landfill release in pounds/year. If the field OTHER LANDFILLS – RELEASE POUNDS (# 143) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field OTHER LANDFILLS – RELEASE RANGE CODE (#144) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
146	OTHER LANDFILLS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.5.1.BB

Num.	Field Name	Type	Description
147	LAND TRTMT/APPL FARMING - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released in land treatment/application farming by the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.5.2.AA
148	LAND TRTMT/APPL FARMING - RELEASE RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.5.2.AA
149	TOTAL LAND TREATMENT	N	System generated total land treatment/application farming release in pounds/year. If the field LAND TRTMT/APPL FARMING – RELEASE POUNDS (# 147) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field LAND TRTMT/APPL FARMING – RELEASE RANGE CODE (#148) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None

Num.	Field Name	Type	Description
150	LAND TRTMT/APPL FARMING - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.5.2.BB
151	SURFACE IMPOUNDMENT - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released in surface impoundments by the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.5.3.AA
152	SURFACE IMPOUNDMENT - RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.5.3.AA

Num.	Field Name	Type	Description
153	TOTAL SURFACE IMPOUNDMENTS	N	System generated total surface impoundment release in pounds/year. If the field SURFACE IMPOUNDMENT – RELEASE POUNDS (#151) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field SURFACE IMPOUNDMENT – RANGE CODE (#152) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
154	SURFACE IMPOUNDMENT - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.5.3.BB
155	OTHER DISPOSAL - RELEASE POUNDS	N	An estimate of the total amount of toxic chemical (in pounds/year) released by other disposal means by the reporting facility. Range codes may be used for releases of less than 1000 pounds. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE *Reference:* Part II, Section 5.5.4.AA

Num.	Field Name	Type	Description
156	OTHER DISPOSAL - RANGE CODE	C	For releases less than 1,000 lbs, this field provides the code used to indicate the amount of the toxic chemical released annually from the reporting facility within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source:* **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* Part II, Section 5.5.4.AA
157	TOTAL OTHER DISPOSAL	N	System generated total other disposal release in pounds/year. If the field OTHER DISPOSAL - RELEASE POUNDS (# 155) is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in the field OTHER DISPOSAL – RANGE CODE (#156) is used for the total emission value. *Source:* **TRI_RELEASE_QTY.** TOTAL_RELEASE, or **TRI_RELEASE_QTY.** RELEASE_RANGE_CODE *Reference:* None
158	OTHER DISPOSAL -BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_RELEASE_QTY.** RELEASE_BASIS_EST_CODE *Reference:* Part II, Section 5.5.4.BB
159	TOTAL ON-SITE LAND RELEASES	N	Total, in pounds, of toxic chemical entering onsite environmental medium (141+145+149+153+157). *Source:* System generated *Reference:* None

Num.	Field Name	Type	Description
160	POTWS - TOTAL TRANSFERS - METALS ONLY	N	Total amount of reported metals, in pounds, transferred offsite to publicly owned treatment works. **TRI_TRANSFER_QTY.**OFF_SITE_TOTAL + **TRI_TRANSFER_QTY.**TRANSFER_ RANGE_CODE *Reference:* Part II, Section 6.1.A.1
161	POTWS - BASIS OF ESTIMATE	C	A code indicating the principal method by which the total release estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.1.A.2
162	STORAGE ONLY	N	Total amount, in pounds, reported as Astorage only@ M Code (M10). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
163	SOLIDIFICATION/STABILI ZATION (METALS AND METAL COMPOUNDS)	N	Total amount, in pounds, of metals and metal compounds reported as Asolidification/stabilization@ M Code (M41). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
164	WASTEWATER TREATMENT (EXCLUDING POTWS)	N	Total amount, in pounds, reported as Awastewater treatment@ M Code (M62). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
165	TRANSFERS TO POTWS (METALS AND METAL COMPOUNDS)	N	Total amount of reported metals and metal compounds, in pounds, transferred offsite to publicly owned treatment works. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.1.A.1
166	UNDERGROUND INJECTION	N	Total amount, in pounds, reported as Aunderground injection@ M Code (M71). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
167	LANDFILLS/DISPOSAL SURFACE IMPOUNDMENTS	N	Total amount, in pounds, reported as Alandfills/disposal surface impoundments@ M Code (M72). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
168	LAND TREATMENT	N	Total amount, in pounds, reported as Aland treatment@ M Code (M73). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
169	OTHER LAND DISPOSAL	N	Total amount, in pounds, reported as Aother land disposal@ M Code (M79). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
170	OTHER OFF-SITE MANAGEMENT	N	Total amount, in pounds, reported as Aother off-site management@ M Code (M90). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
171	TRANSFERS TO WASTE BROKER FOR DISPOSAL	N	Total amount, in pounds, reported as Atransfer to waster broker for disposal@ M code (M94). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
172	UNKNOWN	N	Total amount, in pounds, reported as Aunknown@ M code (M99). *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
173	TOTAL TRANSFERRED OFF-SITE TO DISPOSAL	N	Total amount, in pounds, of toxic chemical in wastes reported as being transferred to off-site locations. Sum of all reported transfers regardless of reported M code. Sum of columns (162+163+164+166+167+168+169+170+171+ 172) *Source:* System Generated **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2
174	TRANSFERS TO RECYCLING (M20 ONLY)	N	Total amount, in pounds, reported as transferred to recycling with a Type of Recycling code of M20. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A

Num.	Field Name	Type	Description
175	TRANSFERS TO RECYCLING (M24 ONLY)	N	Total amount, in pounds, reported as transferred to recycling with a Type of Recycling code of M24. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
176	TRANSFERS TO RECYCLING (M26 ONLY)	N	Total amount, in pounds, reported as transferred to recycling with a Type of Recycling code of M26. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
177	TRANSFERS TO RECYCLING (M28 ONLY)	N	Total amount, in pounds, reported as transferred to recycling with a Type of Recycling code of M28. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
178	TRANSFERS TO RECYCLING (M93 ONLY)	N	Total amount, in pounds, reported as transferred to recycling with a Type of Recycling code of M93. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
179	TRANSFERS TO ENERGY RECOVERY (M56 ONLY)	N	Total amount, in pounds, reported as transferred to energy recovery with a Type of Recycling code of M56. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A

Num.	Field Name	Type	Description
180	TRANSFERS TO ENERGY RECOVERY (M92 ONLY)	N	Total amount, in pounds, reported as transferred to energy recovery with a Type of Recycling code of M92. *Source:* **TRI_TRANSFER_QTY.**TOTAL_TRANSFER + **TRI_TRANSFER_QTY.**TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
181	TRANSFERS TO TREATMENT (M40 ONLY)	N	Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of M40. *Source:* **TRI_TRANSFER_QTY.**TOTAL_TRANSFER + **TRI_TRANSFER_QTY.**TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
182	TRANSFERS TO TREATMENT (M50 ONLY)	N	Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of M50. *Source:* **TRI_TRANSFER_QTY.**TOTAL_TRANSFER + **TRI_TRANSFER_QTY.**TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
183	TRANSFERS TO TREATMENT (M54 ONLY)	N	Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of M54. *Source:* **TRI_TRANSFER_QTY.**TOTAL_TRANSFER + **TRI_TRANSFER_QTY.**TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
184	TRANSFERS TO TREATMENT (M61 ONLY)	N	Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of M61. *Source:* **TRI_TRANSFER_QTY.**TOTAL_TRANSFER + **TRI_TRANSFER_QTY.**TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A

Num.	Field Name	Type	Description
185	TRANSFERS TO TREATMENT (M69 ONLY)	N	Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of M69. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
186	TRANSFERS TO TREATMENT (M95 ONLY)	N	Total amount, in pounds, reported as transferred to treatment with a Type of Recycling code of M95. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
187	TRANSFERS TO POTWS (NON-METALS)	N	Total amount of reported non-metals, in pounds, transferred offsite to publicly owned treatment works. *Source:* **TRI_TRANSFER_QTY.**TOTAL_ TRANSFER + **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II , Section 6.2A
188	TOTAL TRANSFERRED OFF-SITE FOR FURTHER WASTE MANAGEMENT	N	Total amount, in pounds, of toxic chemical in wastes reported as being transferred to off-site for further waste management. Sum of columns (174+175+176+177+178+179+180+181+182+ 183+184+185+186+187). *Source:* System generated *Reference:* None
189	ENERGY RECOVERY ONSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical used onsite for energy recovery during reporting year. *Source:* **TRI_*SOURCE*_REDUCT_QTY.** ENERGY_ONSITE_CURR_YR_QTY *Reference:* Part II Section 8.2.B

Num.	Field Name	Type	Description
190	QUANTITY RECYCLED ONSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical recycled onsite during reporting year. *Source:* **TRI_*SOURCE*_REDUCT_QTY.** RECYC_ONSITE_CURR_YR_QTY *Reference:* Part II Section 8.4.B
191	QUANTITY TREATED ONSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical treated onsite during the reporting year. *Source:* **TRI_*SOURCE*_REDUCT_QTY.** TREATED_ONSITE_CURR_YR_QTY *Reference:* Part II Section 8.6.B
192	OTHER ON-SITE WASTE MANAGEMENT	N	Total amount, in pounds, of toxic chemical reported as being reduced and recycled on-site. Sum of columns (189+190+191) *Source:* System generated. *Reference:* None
193	ON-SITE ENERGY RECOVERY METHOD 1	C	The first code identifying an on-site energy recovery methods used for the reported chemical at the facility. Codes are given for only those chemicals that have a significant heating value and are combusted in an energy recovery unit such as an industrial furnace. *Source:* **TRI_ENERGY_RECOVERY.** ONSITE_ENERGY_PROC_CODE *Reference:* Part II, Section 7B.1
194	ON-SITE ENERGY RECOVERY METHOD 2	C	The second code identifying an on-site energy recovery methods used for the reported chemical at the facility. Codes are given for only those chemicals that have a significant heating value and are combusted in an energy recovery unit such as an industrial furnace. *Source:* **TRI_ENERGY_RECOVERY.** ONSITE_ENERGY_PROC_CODE *Reference:* Part II, Section 7B.2

Num.	Field Name	Type	Description
195	ON-SITE ENERGY RECOVERY METHOD 3	C	The third code identifying an on-site energy recovery methods used for the reported chemical at the facility. Codes are given for only those chemicals that have a significant heating value and are combusted in an energy recovery unit such as an industrial furnace. *Source:* **TRI_ENERGY_RECOVERY.** ONSITE_ENERGY_PROC_CODE *Reference:* Part II, Section 7B.3
196	ON-SITE ENERGY RECOVERY METHOD 4	C	The fourth code identifying an on-site energy recovery methods used for the reported chemical at the facility. Codes are given for only those chemicals that have a significant heating value and are combusted in an energy recovery unit such as an industrial furnace. *Source:* **TRI_ENERGY_RECOVERY.** ONSITE_ENERGY_PROC_CODE *Reference:* Part II, Section 7B.4
197	ON-SITE RECYCLING PROCESSES - METHOD 1	C	The first code identifying recycling processes used on-site. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.1
198	ON-SITE RECYCLING PROCESSES - METHOD 2	C	The second code identifying recycling processes used on-site. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.2
199	ON-SITE RECYCLING PROCESSES - METHOD 3	C	The third code identifying recycling processes used on-site. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.3
200	ON-SITE RECYCLING PROCESSES - METHOD 4	C	The fourth code identifying recycling processes used on-site. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.4

Num.	Field Name	Type	Description
201	ON-SITE RECYCLING PROCESSES - METHOD 5	C	The fifth code identifying recycling processes used on-site. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.5
202	ON-SITE RECYCLING PROCESSES - METHOD 6	C	The sixth code identifying recycling processes used on-site. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.6
203	ON-SITE RECYCLING PROCESSES - METHOD 7	C	The seventh code identifying recycling processes used on-site. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.7
204	ON-SITE RECYCLING PROCESSES - METHOD 8	C	The eighth code identifying recycling processes used on-site. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.8
205	ON-SITE RECYCLING PROCESSES - METHOD 9	C	The ninth code identifying recycling processes used on-site. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.9
206	ON-SITE RECYCLING PROCESSES - METHOD 10	C	The tenth code identifying recycling processes used on-site. *Source:* **TRI_RECYCLING_PROCESS.** ONSITE_RECYCLING_PROC_CODE *Reference:* Part II, Section 7C.10

3.2 Detailed Source Reduction Activities and Methods (Type 2A)

Num.	Field Name	Type	Description
1	REPORTING YEAR	C	The calendar year in which the reported activities occur. *Source:* **TRI_REPORTING_FORM**. REPORTING YEAR *Reference:* Part I, Section 1
2	TRADE SECRET INDICATOR	C	Indicates whether the reporting facility claims the identity of the chemical or chemical category as a trade secret. Yes = Checked (Trade Secret) No = Not checked Note: Only Sanitized Trade Secret submissions are stored in the TRI System database. *Source*: **TRI_REPORTING_FORM**.TRADE_SECRET_IND *Reference*: Part I, Section 2.1
3	TRIFID	C	Facility identification in the format zzzzz-nnnnn-sssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. NOTE: The contents of this field is <u>not</u> changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location. *Source*: **TRI_FACILITY**.TRI_FACILITY_ID *Reference*: Part I, Section 4.1
4	FACILITY NAME	C	Name of the reporting facility. *Source*: **TRI_FACILITY**.FACILITY_NAME *Reference*: Part I, Section 4.1
5	FACILITY STREET	C	Street address of the reporting facility. *Source*: **TRI_FACILITY**.STREET_ADDRESS *Reference*: Part I, Section 4.1
6	FACILITY CITY	C	City in which the reporting facility is located. *Source*: **TRI_FACILITY**.CITY_NAME *Reference*: Part I, Section 4.1

Num.	Field Name	Type	Description
7	FACILITY COUNTY	C	County in which the reporting facility is located. *Source*: **TRI_FACILITY**.COUNTY_NAME *Reference*: Part I, Section 4.1
8	FACILITY STATE	C	Two-letter state code of the reporting facility. *Source*: **TRI_FACILITY**.STATE_ABBR *Reference*: Part I, Section 4.1
9	FACILITY ZIP CODE	C	Zip code of the reporting facility. *Source*: **TRI_FACILITY**. ZIP_CODE *Reference*: Part I, Section 4.1
10	ENTIRE FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = entire No = partial *Source*: **TRI_REPORTING_FORM**. ENTIRE_FAC *Reference*: Part I, Section 4.2a
11	PARTIAL FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = partial No = entire *Source*: **TRI_REPORTING_FORM**. PARTIAL_FAC *Reference*: Part I, Section 4.2b
12	FEDERAL FACILITY IND	C	Code indicating whether a facility is Federal or not. Yes = Federal No = non-Federal or GOCO *Source*: **TRI_REPORTING_FORM**.FEDERAL_FAC_IND Form R: Part I Section 4.2c

Num.	Field Name	Type	Description
13	GOCO FACILITY IND	C	Code indicating whether a facility is GOCO (Government-Owned, Contractor-Operated) facility or not: Yes = GOCO No = non-GOCO *Source*: **TRI_REPORTING_FORM**.GOCO_ FLAG Form R: Part I Section 4.2d
14	PRIMARY SIC CODE	C	Primary four-digit Standard Industrial Classification (SIC) Code. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5a
15	SIC CODE 2	C	Second four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5b
16	SIC CODE 3	C	Third four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5c
17	SIC CODE 4	C	Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5d
18	SIC CODE 5	C	Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5e
19	SIC CODE 6	C	Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5f

Num.	Field Name	Type	Description
20	LATITUDE	N	Reported latitude of the reporting facility converted into decimal degrees (Format: signed 2 digit whole number, 6 digit decimal positions +nn.nnnnnn). *Source*: **TRI_FACILITY**.FAC_LATITUDE *Reference*: Part I, Section 4.6
21	LONGITUDE	N	Reported longitude of the reporting facility converted into decimal degrees. (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source*: **TRI_FACILITY**.FAC_LONGITUDE *Reference*: Part I, Section 4.6
22	D&B NR A	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source*: **TRI_FACILITY_DB**.DB_NUM *Reference*: Part I, Section 4.7a
23	D&B NR B	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source*: **TRI_FACILITY_DB**.DB_NUM *Reference*: Part I, Section 4.7b
24	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source*: **TRI_FACILITY_RCRA**.RCRA_NUM *Reference*: Part I, Section 4.8a
25	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source*: : **TRI_FACILITY_RCRA**.RCRA_NUM *Reference*: Part I, Section 4.8b
26	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source*: **TRI_FACILITY_NPDES**.NPDES_NUM *Reference*: Part I, Section 4.9a

Num.	Field Name	Type	Description
27	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source*: **TRI_FACILITY_NPDES**.NPDES_NUM *Reference*: Part I, Section 4.9b
28	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class 1 deep wells. *Source*: **TRI_FACILITY_UIC**.UIC_NUM *Reference*: Part I, Section 4.10a
29	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class 1 deep wells. *Source*: **TRI_FACILITY_UIC**.UIC_NUM *Reference*: Part I, Section 4.10b
30	PARENT COMPANY NAME	C	Name of the corporation or other business entity that owns or controls the reporting facility. *Source*: **TRI_FACILITY**.PARENT_CO_NAME NAME *Reference*: Part I, Section 5.1
31	PARENT COMPANY D&B NR	C	Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility. *Source*: **TRI_FACILITY**.PARENT_CO_DB_NUM *Reference*: Part I, Section 5.2

Num.	Field Name	Type	Description
32	DOCUMENT CONTROL NUMBER	C	Unique identification number assigned to each submission by EPA. Format: TTYYMMMNNNNNC, where TT = document type YY = reporting year MMM = document type NNNNN= sequential number C = check digit *Source*: **TRI_REPORTING_FORM**.DOC_CTRL_NUM *Format:* FORMR. (13 + RY + DOC_TYPE + SEQ_NUM + Check digit) *Reference*: NA (System generated)
33	CAS NUMBER	C	Chemical Abstracts Service (CAS) Registry Number for that unique chemical, or category code (for compounds). NOTE: CAS number 999999999 is for sanitized trade secret submissions; CHEM_NAME displays the reported generic chemical name. *Source*: **TRI_REPORTING_FOMR**.TRI_CHEM_ID *Reference*: Part II, Section 1.1
34	CHEMICAL NAME	C	Name of the chemical or generic name if the chemical is claimed as a trade secret. *Source*: **TRI_REPORTING_FORM**.CAS_CHEM_ NAME *Reference*: Part II, Section 1.2 or Part II, Section 1.3

Num.	Field Name	Type	Description
35	CLASSIFICATION	C	Indicates the classification of the chemical. Chemicals can be classified as either a Dioxin or Dioxin-like compound, a PBT (Persistent, Bioaccumulative and Toxic) chemical or a general EPCRA Section 313 chemical. Values: {TRI, PBT, DIOXIN} where TRI = General EPCRA Section 313 Chem. PBT = Bioaccumulative and Toxic DIOXIN = Dioxin or Dioxin-like compound *Source*: **TRI_CHEM_INFO**. CLASSIFICATION *Reference*: NONE
36	UNIT OF MEASURE	C	Indicates the unit of measure used to quantify the chemical. Values: {Pounds, Grams} *Source*: **TRI_CHEM_INFO**. UNIT_OF_MEASURE *Reference*: NONE
37	DIOXIN DISTRIBUTION 1	N	Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzofuran (CAS # 67562-39-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_1 *Reference*: Part II, Section 1.4
38	DIOXIN DISTRIBUTION 2	N	Indicates the percentage of 1,2,3,4,7,8,9 Heptachlorodibenzofuran (CAS # 55673-89-7) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_2 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
39	DIOXIN DISTRIBUTION 3	N	Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzofuran (CAS # 70648-26-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_3 *Reference*: Part II, Section 1.4
40	DIOXIN DISTRIBUTION 4	N	Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzofuran (CAS # 57117-44-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_4 *Reference*: Part II, Section 1.4
41	DIOXIN DISTRIBUTION 5	N	Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzofuran (CAS # 72918-21-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_5 *Reference*: Part II, Section 1.4
42	DIOXIN DISTRIBUTION 6	N	Indicates the percentage of 2,3,4,6,7,8 Hexachlorodibenzofuran (CAS # 60851-34-5) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source***: TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_6 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
43	DIOXIN DISTRIBUTION 7	N	Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzo- p-dioxin (CAS # 39227-28-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_7 *Reference*: Part II, Section 1.4
44	DIOXIN DISTRIBUTION 8	N	Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzo- p-dioxin (CAS # 5765385-7) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_8 *Reference*: Part II, Section 1.4
45	DIOXIN DISTRIBUTION 9	N	Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzo- p-dioxin (CAS # 19408-74-3) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_9 *Reference*: Part II, Section 1.4
46	DIOXIN DISTRIBUTION 10	N	Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzo- p-dioxin (CAS # 35822-46-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_10 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
47	DIOXIN DISTRIBUTION 11	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzofuran (CAS # 39001-02-0) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_11 *Reference*: Part II, Section 1.4
48	DIOXIN DISTRIBUTION 12	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzo- p-dioxin (CAS # 03268-87-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_12 *Reference*: Part II, Section 1.4
49	DIOXIN DISTRIBUTION 13	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzofuran (CAS # 57117-41-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_13 *Reference*: Part II, Section 1.4
50	DIOXIN DISTRIBUTION 14	N	Indicates the percentage of 2,3,4,7,8 Pentachlorodibenzofuran (CAS # 57117-31-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_14 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
51	DIOXIN DISTRIBUTION 15	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzo- p-dioxin (CAS # 40321-76-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_15 *Reference*: Part II, Section 1.4
52	DIOXIN DISTRIBUTION 16	N	Indicates the percentage of 2,3,7,8 Tetrachlorodibenzofuran (CAS # 51207-31-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_16 *Reference*: Part II, Section 1.4
53	DIOXIN DISTRIBUTION 17	N	Indicates the percentage of 2,3,78 Tetrachlorodibenzo- p-dioxin (CAS # 01746-01-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_17 *Reference*: Part II, Section 1.4
54	QUANTITY RELEASED PRIOR YEAR	N	Amount reported in pounds of total quantity of toxic chemical released (including offsite disposal) during previous year. *Source*: **TRI_SOURCE_REDUCT_QTY**. REL_PREV_YR_QTY CURRENT_YEAR *Reference*: Part II, Section 8.1B
55	QUANTITY RELEASED CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical released (including offsite disposal) during reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_CURR_YR_QTY CURRENT_YEAR *Reference*: Part II, Section 8.1B

Num.	Field Name	Type	Description
56	QUANTITY RELEASED FOLLOWING YEAR	N	Amount reported in pounds of total quantity of the toxic chemical projected to be released (including offsite disposal) in the first year following the reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_FOLL_YR_QTY *Reference*: Part II, Section 8.1C
57	QUANTITY RELEASED SECOND FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be released (including offsite disposal) in second year following reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** REL_SECD_YR_QTY *Reference*: Part II, Section 8.1D
58	ENERGY RECOVERY ONSITE PRIOR YEAR	N	Amount reported in pounds of total quantity of toxic chemical used onsite for energy recovery during the previous year. *Source*: **TRI_SOURCE_REDUCT_QTY.** ENERGY_ONSITE_PREV_YR_QTY *Reference*: Part II, Section 8.2A
59	ENERGY RECOVERY ONSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical used onsite for energy recovery during reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** ENERGY_ONSITE_CURR_YR_QTY *Reference*: Part II, Section 8.2B
60	ENERGY RECOVERY ONSITE FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be used onsite for energy recovery in first year following reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** ENERGY_ONSITE_FOLL_YR_QTY *Reference*: Part II, Section 8.2C
61	ENERGY RECOVERY ONSITE SECOND FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be used onsite for energy recovery in second year following reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** ENERGY_ONSITE_SECD_YR_QTY Form R: Part II, Section 8.2D

Num.	Field Name	Type	Description
62	ENERGY RECOVERY OFFSITE PRIOR YEAR	N	Amount reported in pounds of total quantity of toxic chemical sent offsite for energy recovery during previous year. *Source*: **TRI_SOURCE_REDUCT_QTY.** ENERGY_OFFSITE_PREV_YR_QTY *Reference*: Part II, Section 8.3A
63	ENERGY RECOVERY OFFSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical sent offsite for energy recovery during the reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** ENERGY_OFFSITE_CURR_YR_QTY *Reference*: Part II, Section 8.3B
64	ENERGY RECOVERY OFFSITE FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be sent offsite for energy recovery in first year following reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** ENERGY_OFFSITE_FOLL_YR_QTY Form R: Part II, Section 8.3C
65	ENERGY RECOVERY OFFSITE SECOND FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be sent offsite for energy recovery in second year following reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** ENERGY_OFFSITE_SECD_YR_QTY Form R: Part II, Section 8.3D
66	QUANTITY RECYCLED ONSITE PRIOR YEAR	N	Amount reported in pounds of total quantity of toxic chemical recycled onsite during the previous year. *Source*: **TRI_SOURCE_REDUCT_QTY.** RECYC_ONSITE_PREV_YR_QTY *Reference*: Part II, Section 8.4A
67	QUANTITY RECYCLED ONSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical recycled onsite during reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** RECYC_ONSITE_CURR_YR_QTY *Reference*: Part II, Section 8.4B

Num.	Field Name	Type	Description
68	QUANTITY RECYCLED ONSITE FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be recycled onsite in first year following reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** RECYC_ONSITE_FOLL_YR_QTY re*source*: Part II, Section 8.4C
69	QUANTITY RECYCLED ONSITE SECOND FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be recycled onsite in second year following reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** RECYC_ONSITE_SECD_YR_QTY *Reference*: Part II, Section 8.4D
70	QUANTITY RECYCLED OFFSITE PRIOR YEAR	N	Amount reported in pounds of total quantity of toxic chemical sent offsite for recycling during the previous year. *Source*: **TRI_SOURCE_REDUCT_QTY.** RECYC_OFFSITE_PREV_YR_QTY *Reference*: Part II, Section 8.5A
71	QUANTITY RECYCLED OFFSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical sent offsite for recycling during reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** RECYC_OFFSITE_CURR_YR_QTY *Reference*: Part II, Section 8.5B
72	QUANTITY RECYCLED OFFSITE FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be sent offsite for recycling in first year following reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** RECYC_OFFSITE_FOLL_YR_QTY Form R: Part II, Section 8.5C
73	QUANTITY RECYCLED OFFSITE SECOND FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be sent offsite for energy recovery in second year following reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** RECYC_OFFSITE_PREV_YR_QTY *Reference*: Part II, Section 8.5D

Num.	Field Name	Type	Description
74	QUANTITY TREATED ONSITE PRIOR YEAR	N	Amount reported in pounds of total quantity of toxic chemical treated onsite during the previous year. *Source*: **TRI_SOURCE_REDUCT_QTY.** TREATED_ONSITE_PREV_YR_QTY *Reference*: Part II, Section 8.6A
75	QUANTITY TREATED ONSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical treated onsite during the reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** TREATED_ONSITE_CURR_YR_QTY *Reference*: Part II, Section 8.6B
76	QUANTITY TREATED ONSITE FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be treated onsite in the first year following the reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** TREATED_ONSITE_FOLL_YR_QTY *Reference*: Part II, Section 8.6C
77	QUANTITY TREATED ONSITE SECOND FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be treated onsite in second year following reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** TREATED_ONSITE_SECD_YR_QTY *Reference*: Part II, Section 8.6D
78	QUANTITY TREATED OFFSITE PRIOR YEAR	N	Amount reported in pounds of total quantity of the toxic chemical treated offsite during the previous reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** TREATED_OFFSITE_PREV_YR_QTY *Reference*: Part II, Section 8.7A
79	QUANTITY TREATED OFFSITE CURRENT YEAR	N	Amount reported in pounds of total quantity of toxic chemical sent offsite for treatment (including transfers to POTWs) during the reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** TREATED_OFFSITE_CURR_YR_QTY *Reference*: Part II, Section 8.7B

Num.	Field Name	Type	Description
80	QUANTITY TREATED OFFSITE FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical sent offsite for treatment (including transfers to POTWs) in the first year following the reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** TREATED_OFFSITE_FOLL_YR_QTY *Reference*: Part II, Section 8.7C
81	QUANTITY TREATED OFFSITE SECOND FOLLOWING YEAR	N	Amount reported in pounds of total quantity of toxic chemical projected to be sent offsite for treatment (including transfers to POTWs) in second year following reporting year. *Source*: **TRI_SOURCE_REDUCT_QTY.** TREATED_OFFSITE_PREV_YR_QTY *Reference*: Part II, Section 8.7D
82	CATASTROPHIC RELEASES OR OTHER ONE-TIME EVENTS	N	Amount reported in pounds of total quantity of toxic chemical released to the environment or transferred offsite due to events not associated with routine production processes. Reported as pounds. *Source*: **TRI_REPORTING_FORM**.ONE_ TIME_RELEASE_QTY *Reference*: Part II, Section 8.8
83	PROD RATIO/ACTIVITY INDEX	N	Ratio of production or activity in the reporting year divided by production or activity in the previous year. Field length is in the format of +nnnn.nn. *Source*: **TRI_REPORTING_FORM**.PRODUCTION_ RATIO *Reference*: Part II, Section 8.9
84	FIRST *SOURCE* REDUCTION ACTIVITY	C	Activity code indicating the action taken to reduce the amount of the reported toxic chemical released, used for energy recovery, recycled, or treated. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_ACTIVITY *Reference*: Part II, Section 8.10.1
85	FIRST *SOURCE* REDUCTION ACTIVITY DESCRIPTION	C	Description of the preceding *Source* reduction activity code. *Source*: **TRI_CODE_DESC**.DESCRIPTION *Reference*: Part II, Section 8.10.1

Num.	Field Name	Type	Description
86	FIRST *SOURCE* REDUCTION METHOD - CODE 1	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_1 *Reference*: Part II, Section 8.10.1a
87	FIRST *SOURCE* REDUCTION METHOD - CODE 1 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.1a
88	FIRST *SOURCE* REDUCTION METHOD - CODE 2	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_2 *Reference*: Part II, Section 8.10.1b
89	FIRST *SOURCE* REDUCTION METHOD - CODE 2 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.1b
90	FIRST *SOURCE* REDUCTION METHOD - CODE 3	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_3 *Reference*: Part II, Section 8.10.1c
91	FIRST *SOURCE* REDUCTION METHOD - CODE 3 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.1c

Num.	Field Name	Type	Description
92	SECOND *SOURCE* REDUCTION ACTIVITY	C	Activity code indicating the action taken to reduce the amount of the reported toxic chemical released, used for energy recovery, recycled, or treated. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_ACTIVITY *Reference*: Part II, Section 8.10.2
93	SECOND *SOURCE* REDUCTION ACTIVITY DESCRIPTION	C	Description of the preceding *Source* reduction activity code. *Source*: **TRI_CODE_DESC**.DESCRIPTION *Reference*: Part II, Section 8.10.2
94	SECOND *SOURCE* REDUCTION METHOD - CODE 1	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_1 *Reference*: Part II, Section 8.10.2.a
95	SECOND *SOURCE* REDUCTION METHOD - CODE 1 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.2.a
96	SECOND *SOURCE* REDUCTION METHOD - CODE 2	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_2 *Reference*: Part II, Section 8.10.2b
97	SECOND *SOURCE* REDUCTION METHOD - CODE 2 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.2b

Num.	Field Name	Type	Description
98	SECOND *SOURCE* REDUCTION METHOD - CODE 3	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_3 *Reference*: Part II, Section 8.10.2.c
99	SECOND *SOURCE* REDUCTION METHOD - CODE 3 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.2.c
100	THIRD *SOURCE* REDUCTION ACTIVITY	C	Activity code indicating the action taken to reduce the amount of the reported toxic chemical released, used for energy recovery, recycled, or treated. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_ACTIVITY *Reference*: Part II, Section 8.10.3
101	THIRD *SOURCE* REDUCTION ACTIVITY DESCRIPTION	C	Description of the preceding *Source* reduction activity code. *Source*: **TRI_CODE_DESC**.DESCRIPTION *Reference*: Part II, Section 8.10.3
102	THIRD *SOURCE* REDUCTION METHOD - CODE 1	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_1 *Reference*: Part II, Section 8.10.3a
103	THIRD *SOURCE* REDUCTION METHOD - CODE 1 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.3a

Num.	Field Name	Type	Description
104	THIRD *SOURCE* REDUCTION METHOD - CODE 2	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_2 *Reference*: Part II, Section 8.10.3b
105	THIRD *SOURCE* REDUCTION METHOD - CODE 2 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.3b
106	THIRD *SOURCE* REDUCTION METHOD - CODE 3	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_3 *Reference*: Part II, Section 8.10.3c
107	THIRD *SOURCE* REDUCTION METHOD - CODE 3 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.3c
108	FOURTH *SOURCE* REDUCTION ACTIVITY	C	Activity code indicating the action taken to reduce the amount of the reported toxic chemical released, used for energy recovery, recycled, or treated. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_ACTIVITY *Reference*: Part II, Section 8.10.4
109	FOURTH *SOURCE* REDUCTION ACTIVITY DESCRIPTION	C	Description of the preceding *Source* reduction activity code. *Source*: **TRI_CODE_DESC**.DESCRIPTION *Reference*: Part II, Section 8.10.4

Num.	Field Name	Type	Description
110	FOURTH *SOURCE* REDUCTION METHOD - CODE 1	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_1 *Reference*: Part II, Section 8.10.4a
111	FOURTH *SOURCE* REDUCTION METHOD - CODE 1 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.4a
112	FOURTH *SOURCE* REDUCTION METHOD - CODE 2	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_2 *Reference* Part II, Section 8.10.4b
113	FOURTH *SOURCE* REDUCTION METHOD - CODE 2 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference* Part II, Section 8.10.4b
114	FOURTH *SOURCE* REDUCTION METHOD - CODE 3	C	Code corresponding to the internal or external method (or the information *Source*s) used to identify the *Source* reduction activity implementation at a facility. *Source*: **TRI_SOURCE_REDUCT_METHOD**. SOURCE_REDUCT_METHOD_3 *Reference*: Part II, Section 8.10.4c
115	FOURTH *SOURCE* REDUCTION METHOD - CODE 3 DESCRIPTION	C	Description of the preceding *Source* reduction activity method code. *Source*: **TRI_DESC_CODE.**DESCRIPTION *Reference*: Part II, Section 8.10.4c

3.3 Detailed Waste Management (Type 2B)

Num.	Field Name	Type	Description
1	REPORTING YEAR	C	The calendar year in which the reported activities occur. *Source:* **TRI_REPORTING_FORM**.REPORTING YEAR *Reference:* Part I, Section 1
2	TRADE SECRET INDICATOR	C	Indicates whether the reporting facility claims the identity of the chemical or chemical category as a trade secret. Yes = Checked (Trade Secret) No = Not checked Note: Only Sanitized Trade Secret submissions are stored in the TRI System database. *Source*: **TRI_REPORTING_FORM**.TRADE_SECRET_IND *Reference*: Part I, Section 2.1
3	TRIFID	C	Facility identification in the format zzzzz-nnnnn-sssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. NOTE: The contents of this field is not changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location. *Source*: **TRI_FACILITY**.TRI_FACILITY_ID *Reference*: Part I, Section 4.1
4	FACILITY NAME	C	Name of the reporting facility. *Source*: **TRI_FACILITY**.FACILITY_NAME *Reference*: Part I, Section 4.1
5	FACILITY STREET	C	Street address of the reporting facility. *Source*: **TRI_FACILITY**.STREET_ADDRESS *Reference*: Part I, Section 4.1
6	FACILITY CITY	C	City in which the reporting facility is located. *Source*: **TRI_FACILITY**.CITY_NAME *Reference*: Part I, Section 4.1

7	FACILITY COUNTY	C	County in which the reporting facility is located. *Source*: **TRI_FACILITY**.COUNTY_NAME *Reference*: Part I, Section 4.1
8	FACILITY STATE	C	Two-letter state code of the reporting facility. *Source*: **TRI_FACILITY**.STATE_ABBR *Reference*: Part I, Section 4.1
9	FACILITY ZIP CODE	C	Zip code of the reporting facility. *Source*: **TRI_FACILITY**. ZIP_CODE *Reference*: Part I, Section 4.1
10	ENTIRE FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = entire No = partial *Source*: **TRI_REPORTING_FORM**. ENTIRE_FAC *Reference*: Part I, Section 4.2a
11	PARTIAL FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = partial No = entire *Source*: **TRI_REPORTING_FORM**. PARTIAL_FAC *Reference*: Part I, Section 4.2b
12	FEDERAL FACILITY IND	C	Code indicating whether a facility is Federal or not. Yes = Federal No = non-Federal or GOCO *Source*: **TRI_REPORTING_FORM**.FEDERAL_FAC_ IND Form R: Part I Section 4.2c
13	GOCO FACILITY IND	C	Code indicating whether a facility is GOCO (Government-Owned, Contractor-Operated) facility or not: Yes = GOCO No = non-GOCO *Source*: **TRI_REPORTING_FORM**.GOCO_ FLAG Form R: Part I Section 4.2d

14	PRIMARY SIC CODE	C	Primary four-digit Standard Industrial Classification (SIC) Code. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5a
15	SIC CODE 2	C	Second four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5b
16	SIC CODE 3	C	Third four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5c
17	SIC CODE 4	C	Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5d
18	SIC CODE 5	C	Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5e
19	SIC CODE 6	C	Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source*: **TRI_SUBMISSION_SIC**.SIC_CODE *Reference*: Part I, Section 4.5f
20	LATITUDE	N	Reported latitude of the reporting facility converted into decimal degrees (Format: signed 2 digit whole number, 6 digit decimal positions +nn.nnnnnn). *Source***:** **TRI_FACILITY**.FAC_LATITUDE *Reference*: Part I, Section 4.6
21	LONGITUDE	N	Reported longitude of the reporting facility converted into decimal degrees. (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source*: **TRI_FACILITY**.FAC_LONGITUDE *Reference*: Part I, Section 4.6
22	D&B NR A	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source*: **TRI_FACILITY_DB**.DB_NUM *Reference*: Part I, Section 4.7a

23	D&B NR B	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source*: **TRI_FACILITY_DB**.DB_NUM *Reference*: Part I, Section 4.7b
24	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source*: **TRI_FACILITY_RCRA**.RCRA_NUM *Reference*: Part I, Section 4.8a
25	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source*: : **TRI_FACILITY_RCRA**.RCRA_NUM *Reference*: Part I, Section 4.8b
26	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source*: **TRI_FACILITY_NPDES**.NPDES_NUM *Reference*: Part I, Section 4.9a
27	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source*: **TRI_FACILITY_NPDES**.NPDES_NUM *Reference*: Part I, Section 4.9b
28	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class 1 deep wells. *Source*: **TRI_FACILITY_UIC**.UIC_NUM *Reference*: Part I, Section 4.10a
29	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class 1 deep wells. *Source*: **TRI_FACILITY_UIC**.UIC_NUM *Reference*: Part I, Section 4.10b
30	PARENT COMPANY NAME	C	Name of the corporation or other business entity that owns or controls the reporting facility. *Source*: **TRI_FACILITY**.PARENT_CO_NAME NAME *Reference*: Part I, Section 5.1

31	PARENT COMPANY D&B NR	C	Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility. *Source*: **TRI_FACILITY**.PARENT_CO_DB_NUM *Reference*: Part I, Section 5.2
32	DOCUMENT CONTROL NUMBER	C	Unique identification number assigned to each submission by EPA. Format: TTYYMMMNNNNNC, where TT = document type YY = reporting year MMM = document type NNNNN= sequential number C = check digit *Source*: **TRI_REPORTING_FORM**.DOC_CTRL_NUM *Format:* FORMR. (13 + RY + DOC_TYPE + SEQ_NUM + Check digit) *Reference*: NA (System generated)
33	CAS NUMBER	C	Chemical Abstracts Service (CAS) Registry Number for that unique chemical, or category code (for compounds). NOTE: CAS number 999999999 is for sanitized trade secret submissions; CHEM_NAME displays the reported generic chemical name. *Source*: **TRI_REPORTING_FOMR**.TRI_CHEM_ID *Reference*: Part II, Section 1.1
34	CHEMICAL NAME	C	Name of the chemical or generic name if the chemical is claimed as a trade secret. *Source*: **TRI_REPORTING_FORM**.CAS_CHEM_ NAME *Reference*: Part II, Section 1.2 or Part II, Section 1.3

35	CLASSIFICATION	C	Indicates the classification of the chemical. Chemicals can be classified as either a Dioxin or Dioxin-like compound, a PBT (Persistent, Bioaccumulative and Toxic) chemical or a general EPCRA Section 313 chemical. Values: {TRI, PBT, DIOXIN} where TRI = General EPCRA Section 313 Chem. PBT = Bioaccumulative and Toxic DIOXIN = Dioxin or Dioxin-like compound *Source*: **TRI_CHEM_INFO**. CLASSIFICATION *Reference*: NONE
36	UNIT OF MEASURE	C	Indicates the unit of measure used to quantify the chemical. Values: {Pounds, Grams} *Source*: **TRI_CHEM_INFO**. UNIT_OF_MEASURE *Reference*: NONE
37	DIOXIN DISTRIBUTION 1	N	Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzofuran (CAS # 67562-39-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_1 *Reference*: Part II, Section 1.4
38	DIOXIN DISTRIBUTION 2	N	Indicates the percentage of 1,2,3,4,7,8,9 Heptachlorodibenzofuran (CAS # 55673-89-7) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_2 *Reference*: Part II, Section 1.4

39	DIOXIN DISTRIBUTION 3	N	Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzofuran (CAS # 70648-26-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_3 *Reference*: Part II, Section 1.4
40	DIOXIN DISTRIBUTION 4	N	Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzofuran (CAS # 57117-44-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_4 *Reference*: Part II, Section 1.4
41	DIOXIN DISTRIBUTION 5	N	Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzofuran (CAS # 72918-21-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_5 *Reference*: Part II, Section 1.4
42	DIOXIN DISTRIBUTION 6	N	Indicates the percentage of 2,3,4,6,7,8 Hexachlorodibenzofuran (CAS # 60851-34-5) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source***: TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_6 *Reference*: Part II, Section 1.4

43	DIOXIN DISTRIBUTION 7	N	Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzo- p-dioxin (CAS # 39227-28-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_7 *Reference*: Part II, Section 1.4
44	DIOXIN DISTRIBUTION 8	N	Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzo- p-dioxin (CAS # 5765385-7) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_8 *Reference*: Part II, Section 1.4
45	DIOXIN DISTRIBUTION 9	N	Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzo- p-dioxin (CAS # 19408-74-3) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_9 *Reference*: Part II, Section 1.4
46	DIOXIN DISTRIBUTION 10	N	Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzo- p-dioxin (CAS # 35822-46-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_10 *Reference*: Part II, Section 1.4

47	DIOXIN DISTRIBUTION 11	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzofuran (CAS # 39001-02-0) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_11 *Reference*: Part II, Section 1.4
48	DIOXIN DISTRIBUTION 12	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzo- p-dioxin (CAS # 03268-87-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_12 *Reference*: Part II, Section 1.4
49	DIOXIN DISTRIBUTION 13	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzofuran (CAS # 57117-41-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_13 *Reference*: Part II, Section 1.4
50	DIOXIN DISTRIBUTION 14	N	Indicates the percentage of 2,3,4,7,8 Pentachlorodibenzofuran (CAS # 57117-31-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_14 *Reference*: Part II, Section 1.4

51	DIOXIN DISTRIBUTION 15	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzo- p-dioxin (CAS # 40321-76-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_15 *Reference*: Part II, Section 1.4
52	DIOXIN DISTRIBUTION 16	N	Indicates the percentage of 2,3,7,8 Tetrachlorodibenzofuran (CAS # 51207-31-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FOR**M. DIOXIN_DISTRIBUTION_16 *Reference*: Part II, Section 1.4
53	DIOXIN DISTRIBUTION 17	N	Indicates the percentage of 2,3,78 Tetrachlorodibenzo- p-dioxin (CAS # 01746-01-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_17 *Reference*: Part II, Section 1.4
54	STREAM 1 - WASTE STREAM CODE	C	This field provides the indicator that shows the type of general waste stream containing the reported chemical that is being treated. Indicator values are as follows: A = gaseous W = wastewater L = liquid waste S = solid waste *Source*: **TRI_ONSITE_WASTESTREAM**. WASTESTREAM_CODE *Reference*: Part II, Section 7A.1a

55	STREAM 1 - TRTMT METHOD - SEQUENCE 1	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b
56	STREAM 1 - TRTMT METHOD - SEQUENCE 2	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b
57	STREAM 1 - TRTMT METHOD - SEQUENCE 3	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b
58	STREAM 1 -TRTMT METHOD - SEQUENCE 4	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b

59	STREAM 1 - TRTMT METHOD - SEQUENCE 5	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b
60	STREAM 1 - TRTMT METHOD - SEQUENCE 6	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b
61	STREAM 1 - TRTMT METHOD - SEQUENCE 7	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b
62	STREAM 1 - TRTMT METHOD - SEQUENCE 8	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.1b
63	STREAM 1 - RANGE INFLUENT CONCENT	C	Code corresponding to the range concentration of the toxic chemical as it typically enters the specified waste treatment step or sequence. *Source*: **TRI_ONSITE_WASTESTREAM**. INFLUENT_CONC_RANGE *Reference*: Part II, Section 7A.1c

64	STREAM 1 - TRTMT EFFICIENCY EST	N	Estimate of the percentage of the toxic chemical removed from the waste stream through destruction, biological degradation, chemical conversion, or physical removal of the chemical from the wastestream being treated. *Source*: **TRI_ONSITE_WASTESTREAM**. TREATMENT_EFFICIENCY_EST *Reference*: Part II, Section 7A.1.d
65	STREAM 1 - BASED ON OPERATING DATA?	C	Indicates that the information given in the EFFICIENCY field is based on operating data. Value is either Ayes@ or Ano@. *Source*: **TRI_ONSITE_WASTESTREAM**. OPERATING_DATA_IND *Reference*: Part II, Section 7A.1.e
66	STREAM 2 - WASTE STREAM CODE	C	The indicator that shows the type of general waste stream containing the reported chemical that is being treated. Indicator values are as follows: A = gaseous W = wastewater L = liquid waste S = solid waste *Source*: : **TRI_ONSITE_WASTESTREAM**. WASTESTREAM_CODE *Reference*: Part II, Section 7A.2a
67	STREAM 2 - TRTMT METHOD - SEQUENCE 1	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.2b
68	STREAM 2 - TRTMT METHOD - SEQUENCE 2	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.2b

69	STREAM 2 - TRTMT METHOD - SEQUENCE 3	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: V_TREATMENT.TREATMENT_ CODE *Reference*: Part II, Section 7A.2b
70	STREAM 2 -TRTMT METHOD - SEQUENCE 4	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.2b
71	STREAM 2 - TRTMT METHOD - SEQUENCE 5	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.2b
72	STREAM 2 - TRTMT METHOD - SEQUENCE 6	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.2b
73	STREAM 2 - TRTMT METHOD - SEQUENCE 7	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.2b

74	STREAM 2 - TRTMT METHOD - SEQUENCE 8	C	Code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.2b
75	STREAM 2 - RANGE INFLUENT CONCENT	C	Code corresponding to the range concentration of the toxic chemical as it typically enters the specified waste treatment step or sequence. *Source*: **TRI_ONSITE_WASTESTREAM**. INFLUENT_CONC_RANGE *Reference*: Part II, Section 7A.2c
76	STREAM 2 - TRTMT EFFICIENCY EST	N	The estimate of the percentage of the toxic chemical removed from the waste stream through destruction, biological degradation, chemical conversion, or physical removal of the chemical from the wastestream being treated. *Source*: **TRI_ONSITE_WASTESTREAM**. TREATMENT_EFFICIENCY_EST *Reference*: Part II, Section 7A.2.d
77	STREAM 2 - BASED ON OPERATING DATA?	C	This field indicates that the information given in the EFFICIENCY field is based on operating data. Value is either Ayes@ or Ano@. *Source*: **TRI_ONSITE_WASTESTREAM**. OPERATING_DATA_IND *Reference*: Part II, Section 7A.2.e
78	STREAM 3 - WASTE STREAM CODE	C	Provides the indicator that shows the type of general waste stream containing the reported chemical that is being treated. Indicator values are as follows: A = gaseous W = wastewater L = liquid waste S = solid waste *Source*: **TRI_ONSITE_WASTESTREAM**. WASTESTREAM_CODE *Reference*: Part II, Section 7A.3a

79	STREAM 3 - TRTMT METHOD - SEQUENCE 1	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b
80	STREAM 3 - TRTMT METHOD - SEQUENCE 2	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b
81	STREAM 3 - TRTMT METHOD - SEQUENCE 3	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b
82	STREAM 3 -TRTMT METHOD - SEQUENCE 4	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b

83	STREAM 3 - TRTMT METHOD - SEQUENCE 5	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b
84	STREAM 3 - TRTMT METHOD - SEQUENCE 6	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b
85	STREAM 3 - TRTMT METHOD - SEQUENCE 7	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b
86	STREAM 3 - TRTMT METHOD - SEQUENCE 8	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.3b
87	STREAM 3 - RANGE INFLUENT CONCENT	C	Provides the code corresponding to the range concentration of the toxic chemical as it typically enters the specified waste treatment step or sequence. *Source*: **TRI_ONSITE_WASTESTREAM**. INFLUENT_CONC_RANGE *Reference*: Part II, Section 7A.3c

88	STREAM 3 - TRTMT EFFICIENCY EST	N	Provides the estimate of the percentage of the toxic chemical removed from the waste stream through destruction, biological degradation, chemical conversion, or physical removal of the chemical from the wastestream being treated. *Source*: **TRI_ONSITE_WASTESTREAM**. TREATMENT_EFFICIENCY_EST *Reference*: Part II, Section 7A.3.d
89	STREAM 3 - BASED ON OPERATING DATA?	C	Indicates that the information given in the EFFICIENCY field is based on operating data. Value is either Ayes@ or Ano@. *Source*: **TRI_ONSITE_WASTESTREAM**. OPERATING_DATA_IND *Reference*: Part II, Section 7A.3.e
90	STREAM 4 - WASTE STREAM CODE	C	Provides the indicator that shows the type of general waste stream containing the reported chemical that is being treated. Indicator values are as follows: A = gaseous W = wastewater L = liquid waste S = solid waste *Source*: **TRI_ONSITE_WASTESTREAM**. WASTESTREAM_CODE *Reference*: Part II, Section 7A.4a
91	STREAM 4 - TRTMT METHOD - SEQUENCE 1	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b
92	STREAM 4 - TRTMT METHOD - SEQUENCE 2	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b

93	STREAM 4 - TRTMT METHOD - SEQUENCE 3	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b
94	STREAM 4 -TRTMT METHOD - SEQUENCE 4	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b
95	STREAM 4 - TRTMT METHOD - SEQUENCE 5	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b
96	STREAM 4 - TRTMT METHOD - SEQUENCE 6	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b

97	STREAM 4 - TRTMT METHOD - SEQUENCE 7	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b
98	STREAM 4 - TRTMT METHOD - SEQUENCE 8	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.4.b
99	STREAM 4 - RANGE INFLUENT CONCENT	C	Provides the code corresponding to the range concentration of the toxic chemical as it typically enters the specified waste treatment step or sequence. *Source*: **TRI_ONSITE_WASTESTREAM**. INFLUENT_CONC_RANGE *Reference*: Part II, Section 7A.4.c
100	STREAM 4 - TRTMT EFFICIENCY EST	N	Provides the estimate of the percentage of the toxic chemical removed from the waste stream through destruction, biological degradation, chemical conversion, or physical removal of the chemical from the wastestream being treated. *Source*: **TRI_ONSITE_WASTESTREAM**. TREATMENT_EFFICIENCY_EST *Reference*: Part II, Section 7A.4.d
101	STREAM 4 - BASED ON OPERATING DATA?	C	Indicates that the information given in the EFFICIENCY field is based on operating data. Value is either Ayes@ or Ano@. *Source*: **TRI_ONSITE_WASTESTREAM**. OPERATING_DATA_IND *Reference*: Part II, Section 7A.4.e

102	STREAM 5 - WASTE STREAM CODE	C	Provides the indicator that shows the type of general waste stream containing the reported chemical that is being treated. Indicator values are as follows: A = gaseous W = wastewater L = liquid waste S = solid waste *Source*: **TRI_ONSITE_WASTESTREAM**. WASTESTREAM_CODE *Reference*: Part II, Section 7A.5a
103	STREAM 5 - TRTMT METHOD - SEQUENCE 1	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b
104	STREAM 5 - TRTMT METHOD - SEQUENCE 2	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b
105	STREAM 5 - TRTMT METHOD - SEQUENCE 3	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b

106	STREAM 5 -TRTMT METHOD - SEQUENCE 4	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b
107	STREAM 5 - TRTMT METHOD - SEQUENCE 5	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b
108	STREAM 5 - TRTMT METHOD - SEQUENCE 6	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b
109	STREAM 5 - TRTMT METHOD - SEQUENCE 7	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b

110	STREAM 5 - TRTMT METHOD - SEQUENCE 8	C	Provides the code corresponding to the treatment method used on waste stream containing the reported chemical, regardless of whether the waste treatment method actually removes the specific chemical being reported. *Source*: **TRI_ONSITE_WASTE_TREATMENT_ MET**.TREATMENT_METHOD_CODE *Reference*: Part II, Section 7A.5.b
111	STREAM 5 - RANGE INFLUENT CONCENT	C	Provides the code corresponding to the range concentration of the toxic chemical as it typically enters the specified waste treatment step or sequence. *Source*: **TRI_ONSITE_WASTESTREAM**. INFLUENT_CONC_RANGE *Reference*: Part II, Section 7A.5.c
112	STREAM 5 - TRTMT EFFICIENCY EST	N	Provides the estimate of the percentage of the toxic chemical removed from the waste stream through destruction, biological degradation, chemical conversion, or physical removal of the chemical from the wastestream being treated. *Source*: **TRI_ONSITE_WASTESTREAM**. TREATMENT_EFFICIENCY_EST *Reference*: Part II, Section 7A.5.d
113	STREAM 5 - BASED ON OPERATING DATA	C	Indicates that the information given in the EFFICIENCY field is based on operating data. Value is either Ayes@ or Ano@. *Source*: **TRI_ONSITE_WASTESTREAM**. OPERATING_DATA_IND *Reference*: Part II, Section 7A.5.e

3.4 Detailed Transfers Off-Site Data (non-POTW) (Type 3A)

Num.	Field Name	Type	Description
1	TRIFID	C	Facility identification in the format zzzzz-nnnnn-sssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. **NOTE:** *The contents of this field is **not** changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location.* *Source:* **TRUI_FACILITY.**FACILITY_ID *Reference:* Part I, Section 4.1
2	DOCUMENT CONTROL NUMBER	C	Unique identification number assigned to each submission by EPA. Format: TTYYMMMNNNNNC, where TT = document type YY = reporting year MMM = document type NNNNN= sequential number C = check digit *Source:* **TRI_REPORTING_FORM.**DOC_CTRL_NUM *Format:* (13 + RY + DOC_TYPE + SEQ_NUM + Check digit) *Reference:* NA (System generated)
3	CAS NUMBER	C	Chemical Abstracts Service (CAS) Registry Number for that unique chemical, or category code (for compounds). **NOTE:** *CAS number 999999999 is for sanitized trade secret submissions; CHEM_NAME displays the reported generic chemical name.* *Source:* **TRI_REPORTING_FORM.**TRI_CHEM_ID *Reference:* Part II, Section 1.1

Num.	Field Name	Type	Description
4	CLASSIFICATION	C	Indicates the classification of the chemical. Chemicals can be classified as either a Dioxin or Dioxin-like compound, a PBT (Persistent, Bioaccumulative and Toxic) chemical or a general EPCRA Section 313 chemical. Values: {TRI, PBT, DIOXIN} where TRI = General EPCRA Section 313 Chem. PBT = Bioaccumulative and Toxic DIOXIN = Dioxin or Dioxin-like compound *Source*: **TRI_CHEM_INFO**. CLASSIFICATION *Reference*: NONE
5	UNIT OF MEASURE	C	Indicates the unit of measure used to quantify the chemical. Values: {Pounds, Grams} *Source*: **TRI_CHEM_INFO**. UNIT_OF_MEASURE *Reference*: NONE
6	DIOXIN DISTRIBUTION 1	N	Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzofuran (CAS # 67562-39-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_1 *Reference*: Part II, Section 1.4
7	DIOXIN DISTRIBUTION 2	N	Indicates the percentage of 1,2,3,4,7,8,9 Heptachlorodibenzofuran (CAS # 55673-89-7) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_2 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
8	DIOXIN DISTRIBUTION 3	N	Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzofuran (CAS # 70648-26-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_3 *Reference*: Part II, Section 1.4
9	DIOXIN DISTRIBUTION 4	N	Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzofuran (CAS # 57117-44-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_4 *Reference*: Part II, Section 1.4
10	DIOXIN DISTRIBUTION 5	N	Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzofuran (CAS # 72918-21-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_5 *Reference*: Part II, Section 1.4
11	DIOXIN DISTRIBUTION 6	N	Indicates the percentage of 2,3,4,6,7,8 Hexachlorodibenzofuran (CAS # 60851-34-5) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source***: TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_6 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
12	DIOXIN DISTRIBUTION 7	N	Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzo- p-dioxin (CAS # 39227-28-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_7 *Reference*: Part II, Section 1.4
13	DIOXIN DISTRIBUTION 8	N	Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzo- p-dioxin (CAS # 5765385-7) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_8 *Reference*: Part II, Section 1.4
14	DIOXIN DISTRIBUTION 9	N	Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzo- p-dioxin (CAS # 19408-74-3) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_9 *Reference*: Part II, Section 1.4
15	DIOXIN DISTRIBUTION 10	N	Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzo- p-dioxin (CAS # 35822-46-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_10 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
16	DIOXIN DISTRIBUTION 11	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzofuran (CAS # 39001-02-0) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_11 *Reference*: Part II, Section 1.4
17	DIOXIN DISTRIBUTION 12	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzo- p-dioxin (CAS # 03268-87-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_12 *Reference*: Part II, Section 1.4
18	DIOXIN DISTRIBUTION 13	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzofuran (CAS # 57117-41-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_13 *Reference*: Part II, Section 1.4
19	DIOXIN DISTRIBUTION 14	N	Indicates the percentage of 2,3,4,7,8 Pentachlorodibenzofuran (CAS # 57117-31-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_14 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
20	DIOXIN DISTRIBUTION 15	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzo- p-dioxin (CAS # 40321-76-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_15 *Reference*: Part II, Section 1.4
21	DIOXIN DISTRIBUTION 16	N	Indicates the percentage of 2,3,7,8 Tetrachlorodibenzofuran (CAS # 51207-31-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FOR**M. DIOXIN_DISTRIBUTION_16 *Reference*: Part II, Section 1.4
22	DIOXIN DISTRIBUTION 17	N	Indicates the percentage of 2,3,78 Tetrachlorodibenzo- p-dioxin (CAS # 01746-01-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_17 *Reference*: Part II, Section 1.4
23	REPORTING YEAR	C	The calendar year in which the reported activities occur. *Source:* **TRI_REPORTING_FORM**. REPORTING_YEAR *Reference:* Part I, Section 1

Num.	Field Name	Type	Description
24	TRADE SECRET INDICATOR	C	Indicates whether the reporting facility claims the identity of the chemical or chemical category as a trade secret. Yes = Checked (Trade Secret) No = Not checked Note: Only Sanitized Trade Secret submissions are stored in the TRIS database. *Source:* **TRI_REPORTING_FORM.** TRADE_SECRET_IND *Reference*: Part I, Section 2.1
25	FACILITY NAME	C	Name of the reporting facility. *Source:* **TRI_FACILITY.** FACILITY_NAME *Reference:* Part I, Section 4.1
26	FACILITY STREET	C	Street address of the reporting facility. *Source:* **TRI_FACILITY.**STREET_ADDRESS *Reference:* Part I, Section 4.1
27	FACILITY CITY	C	City in which the reporting facility is located. *Source:* **TRI_FACILITY.**CITY_NAME *Reference:* Part I, Section 4.1
28	FACILITY COUNTY	C	County in which the reporting facility is located. *Source:* **TRI_FACILITY.**COUNT_NAME *Reference:* Part I, Section 4.1
29	FACILITY STATE	C	Two-letter state code of the reporting facility. *Source:* **TRI_FACILITY.**STATE_ABBR *Reference:* Part I, Section 4.1
30	FACILITY ZIP CODE	C	ZIP code of the reporting facility. *Source:* **TRI_FACILITY.** ZIP_CODE *Reference:* Part I, Section 4.1

Num.	Field Name	Type	Description
31	ENTIRE FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = entire No = partial *Source:* **TRI_REPORTING_FORM.**ENTIRE_FAC *Reference:* Part I, Section 4.2a
32	PARTIAL FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = entire No = partial *Source:* **TRI_REPORTING_FORM.** PARTIAL_FAC *Reference:* Part I, Section 4.2b
33	FEDERAL FACILITY IND	C	Code indicating whether a facility is Federal or not. Yes = Federal No = non-Federal or GOCO *Source:* **TRI_REPORTING_FORM.**FEDERAL_FAC_IND *Form R:* Part I Section 4.2c
34	GOCO FACILITY IND	C	Code indicating whether a facility is GOCO (Government-Owned, Contractor-Operated) facility or not: Yes = GOCO No = non-GOCO *Source*: **TRI_REPORTING_FORM**.GOCO_FLAG Form R: Part I Section 4.2d
35	PRIMARY SIC CODE	C	Primary four-digit Standard Industrial Classification (SIC) Code. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5a

Num.	Field Name	Type	Description
36	SIC CODE 2	C	Second four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5b
37	SIC CODE 3	C	Third four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5c
38	SIC CODE 4	C	Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5d
39	SIC CODE 5	C	Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5e
40	SIC CODE 6	C	Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5f
41	LATITUDE	N	Reported latitude of the reporting facility **converted into decimal degrees** (Format: signed 2 digit whole number, 6 digit decimal positions +nn.nnnnnn). *Source:* **TRI_FACILITY.**FAC_LATITUDE *Reference:* Part I, Section 4.6
42	LONGITUDE	N	Reported longitude of the reporting facility **converted into decimal degrees.** (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source:* **TRI_FACILITY.**FAC_LONGITUDE *Reference:* Part I, Section 4.6

Num.	Field Name	Type	Description
43	D&B NR A	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **TRI_FACILITY_DB**.DB_NUM *Reference:* Part I, Section 4.7a
44	D&B NR B	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **TRI_FACILITY_DB**.DB_NUM *Reference:* Part I, Section 4.7b
45	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source:* **TRI_FACILITY_RCRA**.RCRA_NUM *Reference:* Part I, Section 4.8a
46	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source:* **TRI_FACILITY_RCRA**.RCRA_NUM *Reference:* Part I, Section 4.8b
47	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* **TRI_FACILITY_NPDES.**NPDES_NUM *Reference:* Part I, Section 4.9a
48	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* **TRI_FACILITY_NPDES.**NPDES_NUM *Reference:* Part I, Section 4.9b
49	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class I wells. *Source:* **TRI_FACILITY_UIC.**UIC_NUM *Reference:* Part I, Section 4.10a

Num.	Field Name	Type	Description
50	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class II to V wells. *Source:* **TRI_FACILITY_UIC.**UIC_NUM *Reference:* Part I, Section 4.10b
51	PARENT COMPANY NAME	C	Name of the corporation or other business entity that owns or controls the reporting facility. *Source:* **TRI_FACILITY.**PARENT_CO_ NAME *Reference:* Part I, Section 5.1
52	PARENT COMPANY D&B NR	C	Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility. *Source:* **TRI_FACILITY.**PARENT_CO_ DB_NUM *Reference:* Part I, Section 5.2
53	OFF-SITE RCRA ID NR	C	The identification number assigned to the off-site disposal facility covered by regulations of the re*source* Conservation and Recovery Act (RCRA) and other regulations of the Superfund Act (CERCLA). *Source:* **TRI_OFF_SITE_TRANSFER_LOCATIO N.**RCRA_NUM *Reference:* Part II, Section 6.2
54	OFF-SITE TRANSFER SEQUENCE NUMBER	C	This field contains a sequence number assigned to an off-site location. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATIO N.** TRANSFER_LOC_NUM *Reference:* NA (System generated)

Num.	Field Name	Type	Description
55	OFF-SITE NAME	C	The name of the off-site treatment or disposal location to which the chemical is sent. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATIO.** OFF_SITE_ NAME *Reference:* Part II, Section 6.2
56	OFF-SITE STREET ADDRESS	C	The address of the off-site disposal or treatment facility. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATIO N.** OFF_SITE_STREET *Reference:* Part II, Section 6.2
57	OFF-SITE CITY	C	The city in which the off-site transfer or disposal site is located. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATIO N.** CITY_NAME *Reference:* Part II, Section 6.2
58	OFF-SITE COUNTY	C	The county in which the off-site treatment or disposal site is located. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATIO N.** COUNTY_NAME *Reference:* Part II, Section 6.2
59	OFF-SITE STATE	C	The two-letter state abbreviation of the off-site treatment or disposal site. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATIO N.** STATE_ABBR *Reference:* Part II, Section 6.2

Num.	Field Name	Type	Description
60	OFF-SITE PROVINCE	C	Province of the reporting facility's mailing address. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATION.**PROVINCE *Reference:* Part I, Section 4.1
61	OFF-SITE ZIPCODE	C	The zip code used in the address of an off-site treatment or disposal site. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATION.** ZIP_CODE *Reference:* Part II, Section 6.2
62	OFF-SITE COUNTRY ID	C	If the off-site facility is out of the country, this field contains the name of the country to which the transfer is sent. *Source*: **TRI_OFF_SITE_TRANSFER_LOCATION.**COUNTRY_ CODE *Reference:* Part II, Section 6.2
63	OFF-SITE CONTROL	C	This field indicates whether the off-site location to which toxic chemical wastes are transferred is owned or controlled by the facility or parent company. Value is Ayes@ or Ano@. *Source:* **TRI_OFF_SITE_TRANSFER_LOCATION.** CONTROLLED_LOC *Reference:* Part II, Section 6.2
64	XFERS OFF-SITE POUNDS - STORAGE M10	N	An estimate of the total quantity in pounds of reported chemical contained in the waste transferred to off-site facilities for storage (M10). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
65	XFERS OFF-SITE RANGE CODE- STORAGE M10	C	Code used to indicate the amount of the toxic chemical transferred to off-site facilities for storage (M10) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
66	TOTAL XFERS OFF-SITE AMOUNT- STORAGE M10	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to off-site facilities for storage (M10). If field number 64 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 65 is used for the total value. *Source:* **TRI_TRANSFER_QTY.**TRANSFER_ TOTAL or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
67	BASIS OF ESTIMATE M10	C	Code indicating the principal method by which the total storage estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
68	XFERS OFF-SITE POUNDS - SOLIDIFICATION/STABILIZATION (METALS) M41	N	An estimate of the total quantity in pounds of reported chemical contained in the waste transferred to off-site facilities for solidification/stabilization (metals) (M41). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
69	XFERS OFF-SITE RANGE CODE - SOLIDIFICATION/STABILIZATION (METALS) M41	C	The code used to indicate the amount of the toxic chemical transferred to off-site facilities for solidification/stabilization (metals) (M41) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
70	TOTAL XFERS OFF-SITE AMOUNT - SOLIDIFICATION/STABILIZATION (METALS) M41	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to off-site facilities for solidification/stabilization (metals) (M41). If field number 68 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 69 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)

Num.	Field Name	Type	Description
71	BASIS OF ESTIMATE M41	C	Code indicating the principal method by which the total solidification/stabilization (metals) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.**TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
72	XFERS OFF-SITE POUNDS - WASTEWATER TRTMT (METALS) M62	N	An estimate of the total quantity in pounds of reported chemical contained in the waste transferred to off-site wastewater treatment (metals) (M62). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
73	XFERS OFF-SITE RANGE CODE - WASTEWATER TRTMT (METALS) M62	C	Code used to indicate the amount of the toxic chemical transferred to off-site wastewater treatment (metals) (M62) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
74	TOTAL XFERS OFF-SITE AMOUNT - WASTEWATER TRTMT (METALS) M62	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to off-site wastewater treatment (metals) (M62). If field number 72 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 73 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
75	BASIS OF ESTIMATE M62	C	Code indicating the principal method by which the total wastewater treatment (metals) (M62) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
76	XFERS OFF-SITE UNDERGROUND INJECTION POUNDS M71	N	An estimate of the total quantity in pounds of reported chemical contained in the waste transferred to off-site underground injection (M71). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
77	XFERS OFF-SITE UNDERGROUND INJECTION RANGE CODE M71	C	Code used to indicate the amount of the toxic chemical transferred to off-site underground injection (M71) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
78	TOTAL UNDERGROUND INJECTION AMOUNT M71	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to off-site underground injection (M71). If field number 76 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 77 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
79	BASIS OF ESTIMATE M71	C	Code indicating the principal method by which the total underground injection (M71) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
80	XFERS OFF-SITE LANDFILLS/DISPOSAL SURFACE IMPOUNDMENT POUNDS M72	N	An estimate of the total quantity in pounds of reported chemical contained in the waste transferred to landfill/disposal surface impoundment ponds (M72). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
81	XFERS OFF-SITE LANDFILLS/DISPOSAL SURFACE IMPOUNDMENT RANGE CODE M72	C	Code used to indicate the amount of the toxic chemical transferred to landfill/disposal surface impoundment ponds (M72) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
82	TOTAL LANDFILLS/DISPOSAL SURFACE IMPOUNDMENT AMOUNT **M72**	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to landfill/disposal surface impoundment ponds (M72). If field number 81 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 82 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)

Num.	Field Name	Type	Description
83	BASIS OF ESTIMATE M72	C	Code indicating the principal method by which the total landfill/disposal surface impoundment ponds (M72) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
84	LAND TREATMENT POUNDS M73	N	An estimate of the total quantity in pounds of reported chemical contained in the waste subjected to land treatment (M73). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
85	LAND TREATMENT RANGE CODE M73	C	Code used to indicate the amount of the toxic chemical subjected to land treatment (M73) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
86	TOTAL LAND TREATMENT TOTAL AMOUNT M73	N	System generated total quantity in pounds of reported chemical contained in the waste subjected to land treatment (M73). If field number 84 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 85 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
87	BASIS OF ESTIMATE M73	C	Code indicating the principal method by which the total land treatment (M73) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
88	OTHER LAND DISPOSAL POUNDS M79	N	An estimate of the total quantity in pounds of reported chemical contained in the waste subjected to other land disposal (M79). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
89	OTHER LAND DISPOSAL RANGE CODE M79	C	Code used to indicate the amount of the toxic chemical subjected to other land disposal (M79) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
90	TOTAL OTHER LAND DISPOSAL AMOUNT M79	N	System generated total quantity in pounds of reported chemical subjected to other land disposal (M79). If field number 88 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 89 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
91	BASIS OF ESTIMATE M79	C	Code indicating the principal method by which the total other land disposal (M79) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
92	OTHER OFF-SITE MANAGEMENT POUNDS M90	N	An estimate of the total quantity in pounds of reported chemical subjected to other off-site management (M90). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
93	OTHER OFF-SITE MANAGEMENT RANGE CODE M90	C	Code used to indicate the amount of the toxic chemical subjected to other off-site management (M90) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
94	TOTAL OTHER OFF-SITE MANAGEMENT AMOUNT M90	N	System generated total quantity in pounds of reported chemical contained in the waste subjected to other off-site management (M90). If field number 92 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 93 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
95	BASIS OF ESTIMATE M90	C	Code indicating the principal method by which the total other off-site management (M90) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
96	TRANSFER TO WASTE BROKER-DISPOSAL POUNDS M94	N	An estimate of the total quantity in pounds of reported chemical subjected to waste broker disposal (M94). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
97	TRANSFER TO WASTE BROKER-DISPOSAL RANGE CODE M94	C	Code used to indicate the amount of the toxic chemical subjected to waste broker disposal (M94) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
98	TOTAL TRANSFER TO WASTE BROKER-DISPOSAL AMOUNT M94	N	System generated total quantity in pounds of reported chemical contained in the waste subjected to waste broker disposal (M94). If field number 96 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 97 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
99	BASIS OF ESTIMATE M94	C	Code indicating the principal method by which the total waste broker disposal (M94) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
100	UNKNOWN POUNDS M99	N	An estimate of the total quantity in pounds of reported chemical transported off-site for unknown processing (M99). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
101	UNKNOWN RANGE CODE M99	C	Code used to indicate the amount of the toxic chemical transported off-site for unknown processing (M99) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
102	TOTAL UNKNOWN AMOUNT M99	N	System generated total quantity in pounds of reported chemical transported off-site for unknown processing (M99). If field number 100 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 101 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
103	BASIS OF ESTIMATE M99	C	Code indicating the principal method by which the unknown processing (M99) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
104	TOTAL AMOUNT TRANSFERRED OFF-SITE FOR DISPOSAL	N	Total, in pounds, of toxic chemical reported transferred off-site for disposal. Sum of columns (66+70+74+78+82+86+90+94+98+102) . *Source:* System generated *Reference:* None

Num.	Field Name	Type	Description
105	XFERS OFF-SITE POUNDS - SOLIDIFICATION/ STABILIZATION M40	N	An estimate of the total quantity in pounds of reported chemical transported off-site for solidification/stabilization (M40). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
106	XFERS OFF-SITE RANGE CODE - SOLIDIFICATION/ STABILIZATION M40	C	Code used to indicate the amount of the toxic chemical transported off-site for solidification/ stabilization (M40) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
107	TOTAL XFERS OFF-SITE AMOUNT - SOLIDIFICATION/STABILI ZATION M40	N	System generated total quantity in pounds of reported chemical transported off-site for solidification/stabilization (M40). If field number 105 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 106 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)

Num.	Field Name	Type	Description
108	BASIS OF ESTIMATE M40	C	Code indicating the principal method by which the total off-site solidification/stabilization (M40) is measured. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
109	XFERS OFF-SITE POUNDS - INCINERATION/ THERMAL TREATMENT M50	N	An estimate of the total quantity in pounds of reported chemical transported off-site for incineration/thermal treatment (M50). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
110	XFERS OFF-SITE RANGE CODE - INCINERATION/ THERMAL TREATMENT M50	C	Code used to indicate the amount of the toxic chemical transported off-site for incineration/thermal treatment (M50) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
111	TOTAL XFERS OFF-SITE AMOUNT - INCINERATION/ THERMAL TREATMENT M50	N	System generated total quantity in pounds of reported chemical transported off-site for incineration/thermal treatment (M50). If field number 109 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 110 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
112	BASIS OF ESTIMATE M50	C	Code indicating the principal method by which the off-site incineration/thermal treatment (M50) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
113	XFERS OFF-SITE POUNDS - INCINERATION/ INSIGNIFICANT FUEL VALUE M54	N	An estimate of the total quantity in pounds of reported chemical transported off-site for incineration/insignificant fuel value (M54). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
114	XFERS OFF-SITE RANGE CODE - INCINERATION/ INSIGNIFICANT FUEL VALUE M54	C	Code used to indicate the amount of the toxic chemical transported off-site for incineration/ insignificant fuel value (M54) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
115	TOTAL XFERS OFF-SITE AMOUNT - INCINERATION/ INSIGNIFICANT FUEL VALUE M54	N	System generated total quantity in pounds of reported chemical transported off-site for incineration/insignificant fuel value (M54). If field number 113 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 114 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
116	BASIS OF ESTIMATE M54	C	Code indicating the principal method by which the transported off-site for incineration/ insignificant fuel value (M54) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
117	XFERS OFF-SITE POUNDS - WASTEWATER TREATMENT (EXCLUDING POTW) M61	N	An estimate of the total quantity in pounds of reported chemical contained in the waste transferred to off-site wastewater treatment (excluding POTW) (M61). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A1
118	XFERS OFF-SITE RANGE CODE - WASTEWATER TREATMENT M61	C	Code used to indicate the amount of the toxic chemical transferred to off-site wastewater treatment (excluding POTW) (M61) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A1
119	TOTAL XFERS OFF-SITE AMOUNT - WASTEWATER TREATMENT M61	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to off-site wastewater treatment (excluding POTW) (M61). If field number 117 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 118 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)

Num.	Field Name	Type	Description
120	BASIS OF ESTIMATE M61	C	Code indicating the principal method by which the total wastewater treatment (excluding POTW) (M61) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
121	XFERS OFF-SITE POUNDS -OTHER WASTE TREATMENT M69	N	An estimate of the total quantity in pounds of reported chemical subjected to other off-site waste treatment (M69). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
122	XFERS OFF-SITE RANGE CODE - OTHER WASTE TREATMENT M69	C	Code used to indicate the amount of the toxic chemical subjected to other off-site waste treatment (M69) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
123	TOTAL XFERS OFF-SITE AMOUNT - OTHER WASTE TREATMENT M69	N	System generated total quantity in pounds of reported chemical contained in the waste subjected to other off-site waste treatment (M69). If field number 121 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 122 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
124	BASIS OF ESTIMATE M69	C	Code indicating the principal method by which the total other off-site waste treatment (M69) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
125	XFERS OFF-SITE POUNDS - TRANSFER TO WASTE BROKER-WASTE TREATMENT M95	N	An estimate of the total quantity in pounds of reported chemical subjected to waste broker for treatment (M95). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
126	XFERS OFF-SITE RANGE CODE - TRANSFER TO WASTE BROKER-WASTE TREATMENT M95	C	Code used to indicate the amount of the toxic chemical subjected to waste broker for treatment (M95) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
127	TOTAL XFERS OFF-SITE AMOUNT - TRANSFER TO WASTE BROKER-WASTE TREATMENT M95	N	System generated total quantity in pounds of reported chemical contained in the waste subjected to waste broker for treatment (M95). If field number 125 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 126 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
128	BASIS OF ESTIMATE M95	C	Code indicating the principal method by which the total waste broker disposal (M94) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
129	TOTAL AMOUNT TRANSFERRED OFF-SITE FOR TREATMENT	N	Total, in pounds, of toxic chemical reported transferred off-site for treatment. Sum of columns (107+111+115+119+123+127). *Source:* System generated *Reference:* None
130	XFERS OFF-SITE POUNDS - ENERGY RECOVERY M56	N	An estimate of the total quantity in pounds of reported chemical sent off-site for energy recovery (M56). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
131	XFERS OFF-SITE RANGE CODE -ENERGY RECOVERY M56	C	Code used to indicate the amount of the toxic chemical sent off-site for energy recovery (M56) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
132	TOTAL XFERS OFF-SITE AMOUNT - ENERGY RECOVERY M56	N	System generated total quantity in pounds of reported chemical contained in the waste sent off-site for energy recovery (M56). If field number 130 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 131 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
133	BASIS OF ESTIMATE M56	C	Code indicating the principal method by which the amount sent off-site for energy recovery (M56) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
134	XFERS OFF-SITE POUNDS - TRANSFER TO WASTE BROKER-ENERGY RECOVERY M92	N	An estimate of the total quantity in pounds of reported chemical sent to a waste broker for energy recovery (M92). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A

Num.	Field Name	Type	Description
135	XFERS OFF-SITE RANGE CODE - TRANSFER TO WASTE BROKER-ENERGY RECOVERY M92	C	Code used to indicate the amount of the toxic chemical sent to a waste broker for energy recovery (M92) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
136	TOTAL XFERS OFF-SITE AMOUNT - TRANSFER TO WASTE-BROKER-ENERGY RECOVERY M92	N	System generated total quantity in pounds of reported chemical sent to a waste broker for energy recovery (M92). If field number 134 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 135 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
137	BASIS OF ESTIMATE M92	C	Code indicating the principal method by which the amount sent to a waste broker for energy recovery (M92) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
138	TOTAL AMOUNT TRANSFERRED OFF-SITE FOR ENERGY RECOVERY	N	Total, in pounds, of toxic chemical reported transferred off-site for energy recovery (132 + 136). *Source:* System generated *Reference:* None

Num.	Field Name	Type	Description
139	XFERS OFF-SITE POUNDS - SOLVENTS/ORGANICS RECOVERY M20	N	An estimate of the total quantity in pounds of reported chemical sent off-site for solvents/ organics recovery (M20). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
140	XFERS OFF-SITE RANGE CODE - SOLVENTS/ORGANICS RECOVERY M20	C	Code used to indicate the amount of the toxic chemical sent off-site for solvents/organics recovery (M20) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
141	TOTAL XFERS OFF-SITE AMOUNT - SOLVENTS/ORGANICS RECOVERY M20	N	System generated total quantity in pounds of reported chemical contained in the waste off-site for solvents/organics recovery (M20). If field number 139 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 140 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
142	BASIS OF ESTIMATE M20	C	Code indicating the principal method by which the amount sent off-site for solvents/ organics recovery (M20) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
143	XFERS OFF-SITE POUNDS -METALS RECOVERY M24	N	An estimate of the total quantity in pounds of reported chemical sent off-site for metals recovery (M24). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
144	XFERS OFF-SITE RANGE CODE - METALS RECOVERY M24	C	Code used to indicate the amount of the toxic chemical sent off-site for metals recovery (M24) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
145	TOTAL XFERS OFF-SITE AMOUNT - METALS RECOVERY M24	N	System generated total quantity in pounds of reported chemical contained in the waste off-site for off-site for metals recovery (M24). If field number 143 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 144 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
146	BASIS OF ESTIMATE M24	C	Code indicating the principal method by which the amount sent off-site for metals recovery (M24) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
147	XFERS OFF-SITE POUNDS - OTHER REUSE OR RECOVERY M26	N	An estimate of the total quantity in pounds of reported chemical sent off-site for other reuse or recovery (M26). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
148	XFERS OFF-SITE RANGE CODE - OTHER REUSE OR RECOVERY M26	C	This field provides the code used to indicate the amount of the toxic chemical sent off-site for other reuse or recovery (M26) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
149	TOTAL XFERS OFF-SITE AMOUNT - OTHER REUSE OR RECOVERY M26	N	System generated total quantity in pounds of reported chemical contained in the waste off-site for other reuse or recovery (M26). If field number 147 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 148 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)
150	BASIS OF ESTIMATE M26	C	Code indicating the principal method by which the amount sent off-site for other reuse or recovery (M26) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B

Num.	Field Name	Type	Description
151	XFERS OFF-SITE POUNDS - ACID REGENERATION M28	N	An estimate of the total quantity in pounds of reported chemical sent off-site for acid regeneration (M28). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
152	XFERS OFF-SITE RANGE CODE - ACID REGENERATION M28	C	Code used to indicate the amount of the toxic chemical sent off-site for acid regeneration (M28) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.**POUND_RANGE_CODE *Reference:* Part II, Section 6.2A
153	TOTAL XFERS OFF-SITE AMOUNT - ACID REGENERATION M28	N	System generated total quantity in pounds of reported chemical contained in the waste off-site for acid regeneration (M28). If field number 151 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 152 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)

Num.	Field Name	Type	Description
154	BASIS OF ESTIMATE M28	C	Code indicating the principal method by which the amount sent off-site for acid regeneration (M28) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
155	XFERS OFF-SITE POUNDS - TRANSFER TO WASTE BROKER-RECYCLING M93	N	An estimate of the total quantity transferred to a waste broker for recycling (M93). Range codes may be used for transfers of less than 1000 lbs. *Source*: **TRI_TRANSFER_QTY.** TOTAL_TRANSFER *Reference:* Part II, Section 6.2A
156	XFERS OFF-SITE RANGE CODE - TRANSFER TO WASTE BROKER-RECYCLING M93	C	Code used to indicate the amount of the toxic chemical transferred to a waste broker for recycling (M93) within a range. If none, the submitter enters zero. A = 1-10 B = 11-499 C = 500-999 *Source*: **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* Part II, Section 6.2A
157	TOTAL XFERS OFF-SITE AMOUNT - TRANSFER TO WASTE BROKER-RECYCLING M93	N	System generated total quantity in pounds of reported chemical contained in the waste transferred to a waste broker for recycling (M93). If field number 155 is not blank, its contents are used as the total. If it is blank, the middle of the range for the code used in field number 156 is used for the total value. *Source:* **TRI_TRANSFER_QTY.** TOTAL_TRANSFER or **TRI_TRANSFER_QTY.** TRANSFER_RANGE_CODE *Reference:* NA (system generated)

Num.	Field Name	Type	Description
158	BASIS OF ESTIMATE M93	C	Code indicating the principal method by which the amount transferred to a waste broker for recycling (M93) estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.** TRANSFER_BASIS_EST_CODE *Reference:* Part II, Section 6.2B
159	TOTAL AMOUNT TRANSFERRED OFF-SITE FOR RECYCLING	N	Total, in pounds, of toxic chemical reported transferred off-site for recycling. Sum of Columns (141 + 145 + 149 + 153 + 157). *Source:* System generated *Reference:* None

3.5 Detailed Transfers Off-Site Data (POTWs) (Type 3B)

Num.	Field Name	Type	Description
1	TRIFID	C	Facility identification in the format zzzzz-nnnnn-sssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. **NOTE:** *The contents of this field is **not** changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location.* *Source:* **TRI_FACILITY.**FACILITY_ID *Reference:* Part I, Section 4.1
2	DOCUMENT CONTROL NUMBER	C	Unique identification number assigned to each submission by EPA. Format: TTYYMMMNNNNNC, where TT = document type YY = reporting year MMM = document type NNNNN= sequential number C = check digit *Source:* **TRI_REPORTING_FORM**. DOC_CTRL_NUM *Format:* (13 + RY + DOC_TYPE + SEQ_NUM + Check digit) *Reference:* NA (System generated)
3	CAS NUMBER	C	Chemical Abstracts Service (CAS) Registry Number for that unique chemical, or category code (for compounds). **NOTE:** *CAS number 999999999 is for sanitized trade secret submissions; CHEM_NAME displays the reported generic chemical name.* *Source:* **TRI_REPORTING_FORM.**TRI_CHEM_ID *Reference:* Part II, Section 1.1

Num.	Field Name	Type	Description
4	CLASSIFICATION	C	Indicates the classification of the chemical. Chemicals can be classified as either a Dioxin or Dioxin-like compound, a PBT (Persistent, Bioaccumulative and Toxic) chemical or a general EPCRA Section 313 chemical. Values: {TRI, PBT, DIOXIN} where TRI = General EPCRA Section 313 Chem. PBT = Bioaccumulative and Toxic DIOXIN = Dioxin or Dioxin-like compound *Source*: **TRI_CHEM_INFO**. CLASSIFICATION *Reference*: NONE
5	UNIT OF MEASURE	C	Indicates the unit of measure used to quantify the chemical. Values: {Pounds, Grams} *Source*: **TRI_CHEM_INFO**. UNIT_OF_MEASURE *Reference*: NONE
6	DIOXIN DISTRIBUTION 1	N	Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzofuran (CAS # 67562-39-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_1 *Reference*: Part II, Section 1.4
7	DIOXIN DISTRIBUTION 2	N	Indicates the percentage of 1,2,3,4,7,8,9 Heptachlorodibenzofuran (CAS # 55673-89-7) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_2 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
8	DIOXIN DISTRIBUTION 3	N	Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzofuran (CAS # 70648-26-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_3 *Reference*: Part II, Section 1.4
9	DIOXIN DISTRIBUTION 4	N	Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzofuran (CAS # 57117-44-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_4 *Reference*: Part II, Section 1.4
10	DIOXIN DISTRIBUTION 5	N	Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzofuran (CAS # 72918-21-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_5 *Reference*: Part II, Section 1.4
11	DIOXIN DISTRIBUTION 6	N	Indicates the percentage of 2,3,4,6,7,8 Hexachlorodibenzofuran (CAS # 60851-34-5) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source***: TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_6 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
12	DIOXIN DISTRIBUTION 7	N	Indicates the percentage of 1,2,3,4,7,8 Hexachlorodibenzo- p-dioxin (CAS # 39227-28-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_7 *Reference*: Part II, Section 1.4
13	DIOXIN DISTRIBUTION 8	N	Indicates the percentage of 1,2,3,6,7,8 Hexachlorodibenzo- p-dioxin (CAS # 5765385-7) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_8 *Reference*: Part II, Section 1.4
14	DIOXIN DISTRIBUTION 9	N	Indicates the percentage of 1,2,3,7,8,9 Hexachlorodibenzo- p-dioxin (CAS # 19408-74-3) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_9 *Reference*: Part II, Section 1.4
15	DIOXIN DISTRIBUTION 10	N	Indicates the percentage of 1,2,3,4,6,7,8 Heptachlorodibenzo- p-dioxin (CAS # 35822-46-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_10 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
16	DIOXIN DISTRIBUTION 11	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzofuran (CAS # 39001-02-0) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_11 *Reference*: Part II, Section 1.4
17	DIOXIN DISTRIBUTION 12	N	Indicates the percentage of 1,2,3,4,6,7,8,9 Octachlorodibenzo- p-dioxin (CAS # 03268-87-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_12 *Reference*: Part II, Section 1.4
18	DIOXIN DISTRIBUTION 13	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzofuran (CAS # 57117-41-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_13 *Reference*: Part II, Section 1.4
19	DIOXIN DISTRIBUTION 14	N	Indicates the percentage of 2,3,4,7,8 Pentachlorodibenzofuran (CAS # 57117-31-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_14 *Reference*: Part II, Section 1.4

Num.	Field Name	Type	Description
20	DIOXIN DISTRIBUTION 15	N	Indicates the percentage of 1,2,3,7,8 Pentachlorodibenzo- p-dioxin (CAS # 40321-76-4) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_15 *Reference*: Part II, Section 1.4
21	DIOXIN DISTRIBUTION 16	N	Indicates the percentage of 2,3,7,8 Tetrachlorodibenzofuran (CAS # 51207-31-9) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FOR**M. DIOXIN_DISTRIBUTION_16 *Reference*: Part II, Section 1.4
22	DIOXIN DISTRIBUTION 17	N	Indicates the percentage of 2,3,78 Tetrachlorodibenzo- p-dioxin (CAS # 01746-01-6) in the reported Dioxin or Dioxin-like compound. Values are either 0 or a number between 0.01 and 100 (inclusive). *Source*: **TRI_REPORTING_FORM**. DIOXIN_DISTRIBUTION_17 *Reference*: Part II, Section 1.4
23	REPORTING YEAR	C	Calendar year in which the reported activities occur. *Source:* **TRI_REPORTING_FOMR**. REPORTING_YEAR *Reference:* Part I, Section 1

Num.	Field Name	Type	Description
24	TRADE SECRET INDICATOR	C	Indicates whether the reporting facility claims the identity of the chemical or chemical category as a trade secret. Yes = Checked (Trade Secret) No = Not checked Note: Only Sanitized Trade Secret submissions are stored in the TRIS database. *Source:* **TRI_REPORTING_FOMR.** TRADE_SECRET_IND *Reference*: Part I, Section 2.1
25	FACILITY NAME	C	Name of the reporting facility. *Source:* **TRI_FACILITY.**FACILITY_NAME *Reference:* Part I, Section 4.1
26	FACILITY STREET	C	Street address of the reporting facility. *Source:* **TRI_FACILITY.**STREET_ADDRESS *Reference:* Part I, Section 4.1
27	FACILITY CITY	C	City in which the reporting facility is located. *Source:* **TRI_FACILITY.**CITY_NAME *Reference:* Part I, Section 4.1
28	FACILITY COUNTY	C	County in which the reporting facility is located. *Source:* **TRI_FACILITY.**COUNTY_NAME *Reference:* Part I, Section 4.1
29	FACILITY STATE	C	Two-letter state code of the reporting facility. *Source:* **TRI_FACILITY.** STATE_ABBR *Reference:* Part I, Section 4.1
30	FACILITY ZIP CODE	C	ZIP code of the reporting facility. *Source:* **TRI_FACILITY.**ZIP_CODE *Reference:* Part I, Section 4.1

Num.	Field Name	Type	Description
31	ENTIRE FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = entire No = partial *Source:* **TRI_REPORTING_FORM.** ENTIRE_FAC *Reference:* Part I, Section 4.2a
32	PARTIAL FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = partial No = entire *Source:* **TRI_REPORTING_FORM.** PARTIAL_FAC *Reference:* Part I, Section 4.2b
33	FEDERAL FACILITY IND	C	Code indicating whether a facility is Federal or not. Yes = Federal No = non-Federal or GOCO *Source:* **TRI_REPORTING_FORM.**FEDERAL_FAC_IND *Form R:* Part I Section 4.2c
34	GOCO FACILITY IND	C	Code indicating whether a facility is GOCO (Government-Owned, Contractor-Operated) facility or not: Yes = GOCO No = non-GOCO *Source*: **TRI_REPORTING_FORM**.GOCO_FLAG *Reference:* Form R: Part I Section 4.2d
35	PRIMARY SIC CODE	C	Primary four-digit Standard Industrial Classification (SIC) Code. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5a

Num.	Field Name	Type	Description
36	SIC CODE 2	C	Second four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5b
37	SIC CODE 3	C	Third four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5c
38	SIC CODE 4	C	Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5d
39	SIC CODE 5	C	Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5e
40	SIC CODE 6	C	Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5f
41	LATITUDE	N	Reported latitude of the reporting facility **converted into decimal degrees** (Format: signed 2 digit whole number, 6 digit decimal positions +nn.nnnnnn). *Source:* **TRI_FACILITY.**FAC_LATITUDE *Reference:* Part I, Section 4.6
42	LONGITUDE	N	Reported longitude of the reporting facility **converted into decimal degrees.** (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source:* **TRI_FACILITY.**FAC_LONGITUDE *Reference:* Part I, Section 4.6

Num.	Field Name	Type	Description
43	D&B NR A	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **TRI_FACILITY_DB**.DB_NUM *Reference:* Part I, Section 4.7a
44	D&B NR B	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **TRI_FACILITY_DB**.DB_NUM *Reference:* Part I, Section 4.7b
45	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source:* **TRI_FACILITY_RCRA.**RCRA_NUM *Reference:* Part I, Section 4.8a
46	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source:* **TRI_FACILITY_RCRA.**RCRA_NUM *Reference:* Part I, Section 4.8b
47	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* **TRI_FACILITY_NPDES.**NPDES_NUM *Reference:* Part I, Section 4.9a
48	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* **TRI_FACILITY_NPDES.**NPDES_NUM *Reference:* Part I, Section 4.9b
49	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class 1 wells. *Source:* **TRI_FACILITY_UIC.**UIC_NUM *Reference:* Part I, Section 4.10a

Num.	Field Name	Type	Description
50	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class II to V wells. *Source:* **TRI_FACILITY_UIC.**UIC_NUM *Reference:* Part I, Section 4.10b
51	PARENT COMPANY NAME	C	Name of the corporation or other business entity that owns or controls the reporting facility. *Source:* **TRI_FACILITY.**PARENT_CO_ NAME *Reference:* Part I, Section 5.1
52	PARENT COMPANY D&B NR	C	Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility. *Source:* **TRI_FACILITY.**PARENT_CO_DB_ NUM *Reference:* Part I, Section 5.2
53	TOTAL POTW TRANSFERS	N	Amount reported in pounds of total of transfers offsite to publicly owned treatment works. *Source:* **TRI_TRANSFER_QTY.**TRANSFER_ TOTAL + **TRI_TRANSFER_QTY.**TRANSFER_ RANGE_CODE *Form R:* Part II, Section 6.1.A.1
54	BASIS OF ESTIMATE FOR POTWS		Code indicating the principal method by which the amount of wastewater transferred to all POTWs estimate is calculated. M = based on monitoring data C = based on mass balance calculations E = based on published emission factors O = other *Source:* **TRI_TRANSFER_QTY.**TRANSFER_BASI S_ EST_CODE *Reference:* Part II, Section 6.1.A.2

Num.	Field Name	Type	Description
55	POTW A - NAME	C	Name of the publicly-owned treatment works facility (POTW) location to which the chemical was sent. *Source:* **TRI_POTW_LOCATION.**POTW_NAME *Reference:* Part II, Section 6.1.B.1
56	POTW A - ADDRESS	C	Street address of the POTW location to which the chemical was sent. *Source:* **TRI_POTW_LOCATION.**POTW_STREET *Reference:* Part II, Section 6.1.B.1
57	POTW A - CITY	C	Name of the city in which the POTW site is located. *Source:* **TRI_POTW_LOCATION.**CITY_NAME *Reference:* Part II, Section 6.1.B.1
58	POTW A - STATE	C	The two-letter state abbreviation of the POTW site. *Source:* **TRI_POTW_LOCATION.**STATE_ABBR *Reference:* Part II, Section 6.1.B.1
59	POTW A - COUNTY	C	Name of the county in which the POTW site is located. *Source:* **TRI_POTW_LOCATION.**COUNTY_NAME *Reference:* Part II, Section 6.1.B.1
60	POTW A - ZIP	C	ZIP code used in the address of a POTW site. *Source:* **TRI_POTW_LOCATION.**ZIP_CODE *Reference:* Part II, Section 6.1.B.1
61	POTW B - NAME	C	Name of the publicly-owned treatment works facility (POTW) location to which the chemical was sent. *Source:* **TRI_POTW_LOCATION.**POTW_NAME *Reference:* Part II, Section 6.1.B.2

Num.	Field Name	Type	Description
62	POTW B - ADDRESS	C	Street address of the POTW location to which the chemical was sent. *Source:* **TRI_POTW_LOCATION.**POTW_STREET *Reference:* Part II, Section 6.1.B.2
63	POTW B - CITY	C	Name of the city in which the POTW site is located. *Source:* **TRI_POTW_LOCATION.**CITY_NAME *Reference:* Part II, Section 6.1.B.2
64	POTW B - STATE	C	The two-letter state abbreviation of the POTW site. *Source:* **TRI_POTW_LOCATION.**STATE_ABBR *Reference:* Part II, Section 6.1.B.2
65	POTW B - COUNTY	C	Name of the county in which the POTW site is located. *Source:* **TRI_POTW_LOCATION.**COUNTY_NAME *Reference:* Part II, Section 6.1.B.2
66	POTW B - ZIP	C	ZIP code used in the address of a POTW site. *Source:* **TRI_POTW_LOCATION.**ZIP_CODE *Reference:* Part II, Section 6.1.B.1

3.6 Facility Information Directory (Type 4)

Num.	Field Name	Type	Description
1	REPORTING YEAR	C	Calendar year in which the reported activities occur. *Source:* **TRI_REPORTING_FOMR**.REPORTING_YEAR *Reference:* Part I, Section 1
2	TITLE OF CERTIFYING OFFICIAL	C	Corporate title of the senior official certifying the accuracy and completeness of information on the submission. *Source:* **TRI_REPORTING_FOMR.**CERT_OFFICIAL_TITLE *Reference:* Part I, Section 3
3	NAME OF CERTIFYING OFFICIAL	C	Name of the senior official certifying the accuracy and complete- ness of the information on the submission. *Source:* **TRI_REPORTING_FOMR.**CERT_NAME *Reference:* Part I, Section 3
4	TRIFID	C	Facility identification in the format zzzzz-nnnnn-sssss where usually zzzzz = facility zip code, nnnnn = first five consonants of the name, and sssss = first five non-special characters in the street address. **NOTE:** *The contents of this field is* ***not*** *changed to match facility ownership, or zip code changes. Rather, the TRI Facility ID identifies a specific geographical location which is also identified by the latitude and longitude of that location.* *Source:* **TRI_FACILITY.**TRI_FACILITY_ID *Reference:* Part I, Section 4.1
5	FACILITY NAME	C	Name of the reporting facility. *Source:* **TRI_FACILITY.**FACILITY_NAME *Reference:* Part I, Section 4.1

Num.	Field Name	Type	Description
6	FACILITY STREET	C	Street address of the reporting facility. *Source:* **TRI_FACILITY.**STREET_ADDRESS *Reference:* Part I, Section 4.1
7	FACILITY CITY	C	City in which the reporting facility is located. *Source:* **TRI_FACILITY.**CITY_NAME *Reference:* Part I, Section 4.1
8	FACILITY COUNTY	C	County in which the reporting facility is located. *Source:* **TRI_FACILITY.**COUNTY_NAME *Reference:* Part I, Section 4.1
9	FACILITY STATE	C	Two-letter state code of the reporting facility. *Source:* **TRI_FACILITY.**STATE_ABBR *Reference:* Part I, Section 4.1
10	FACILITY ZIP CODE	C	ZIP code of the reporting facility. *Source:* **TRI_FACILITY.** ZIP_CODE *Reference:* Part I, Section 4.1
11	MAILING NAME	C	The first and second lines of the mailing name for the facility. *Source:* **TRI_FACILITY.**MAIL_NAME
12	MAILING STREET	C	Street address of the reporting facility s mailing address. *Source:* **TRI_FACILITY.** MAIL_STREET_ADDRESS *Reference:* Part I, Section 4.1
13	MAILING CITY	C	City name provided by the reporting facility to which mail is to be sent *Source:* **TRI_FACILITY.**MAIL_CITY *Reference:* Part I, Section 4.1
14	MAILING STATE	C	State of the reporting facility s mailing address. *Source:* **TRI_FACILITY.**MAIL_STATE_ABBR *Reference:* Part I, Section 4.1

Num.	Field Name	Type	Description
15	MAILING PROVINCE	C	Province of the reporting facility's mailing address. *Source:* **TRI_FACILITY.**MAIL_PROVINCE *Reference:* Part I, Section 4.1
16	MAILING ZIP CODE	C	ZIP code of the mailing address provided by the reporting facility. *Source*: **TRI_FACILITY**.MAIL_ZIP_CODE *Reference:* Part I, Section 4.1
17	ENTIRE FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility. Yes = entire No = partial *Source:* **TRI_REPORTING_FORM.**ENTIRE_FAC *Reference:* Part I, Section 4.2a
18	PARTIAL FACILITY IND	C	Indicates whether the information covers an entire facility or part of a facility: Yes = partial No = entire *Source:* **TRI_REPORTING_FORM.**PARTIAL_FAC *Reference:* Part I, Section 4.2b
19	FEDERAL FACILITY IND	C	Code indicating whether a facility is Federal or not: Yes = Federal No = non-Federal *Source:* **TRI_REPORTING_FORM.**FEDERAL_FAC_IND *Form R:* Part I Section 4.2c
20	GOCO FACILITY IND	C	Code indicating whether a facility is GOCO (Government-Owned, Contractor-Operated) facility or not: Yes = GOCO No = non-GOCO *Source:* **TRI_REPORTING_FORM.**GOCO_FLAG *Form R:* Part I Section 4.2d

Num.	Field Name	Type	Description
21	PUBLIC CONTACT NAME	C	Name of the person whom the public may contact if clarification of the information on the reporting form is required. *Source:* **TRI_FACILITY**. ASGN_PUBLIC_CONTACT *Reference:* Part I, Section 4.4
22	PUBLIC CONTACT PHONE	C	Telephone number, including area code, of the public contact. *Source:* **TRI_FACILITY**. ASGN_PUBLIC_PHONE *Reference:* Part I, Section 4.4
23	PRIMARY SIC CODE	C	First four-digit Standard Industrial Classification (SIC) Code entered by facility *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5a
24	SIC CODE 2	C	Second four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5b
25	SIC CODE 3	C	Third four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5c
26	SIC CODE 4	C	Fourth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5d
27	SIC CODE 5	C	Fifth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5e

Num.	Field Name	Type	Description
28	SIC CODE 6	C	Sixth four-digit Standard Industrial Classification (SIC) Code entered by facility. *Source:* **TRI_SUBMISSION_SIC.**SIC_CODE *Reference:* Part I, Section 4.5f
29	LATITUDE	N	Reported latitude of the reporting facility **converted into decimal degrees** (Format: signed 2 digit whole number, 6 digit decimal positions +nn.nnnnnn). *Source:* **TRI_FACILITY.** FAC_LATITUDE *Reference:* Part I, Section 4.6
30	LONGITUDE	N	Reported longitude of the reporting facility **converted into decimal degrees.** (Format: signed 3 digit whole number, 6 digit decimal positions +nnn.nnnnnn). *Source:* **TRI_FACILITY.** FAC_LONGITUDE *Reference:* Part I, Section 4.6
31	D&B NR A	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **TRI_FACILITY_DB**.DB_NUM *Reference:* Part I, Section 4.7a
32	D&B NR B	C	Unique identification number assigned by Dun and Bradstreet to the reporting facility. *Source:* **TRI_FACILITY_DB**.DB_NUM *Reference:* Part I, Section 4.7b
33	RCRA NR A	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source:* **TRI_FACILITY_RCRA**.RCRA_NUM *Reference:* Part I, Section 4.8a
34	RCRA NR B	C	Twelve-digit alphanumeric identifier assigned by EPA under the re*source* Conservation and Recovery Act. *Source:* **TRI_FACILITY_RCRA**.RCRA_NUM *Reference:* Part I, Section 4.8b

Num.	Field Name	Type	Description
35	NPDES NR A	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* **TRI_FACILITY_NPDES.**NPDES_NUM *Reference:* Part I, Section 4.9a
36	NPDES NR B	C	Nine-digit alphanumeric identifier assigned to a facility under EPA's National Pollutant Discharge Elimination System. *Source:* **TRI_FACILITY_NPDES.**NPDES_NUM *Reference:* Part I, Section 4.9b
37	UIC NR A	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class I wells. *Source:* **TRI_FACILITY_UIC.**UIC_NUM *Reference:* Part I, Section 4.10a
38	UIC NR B	C	Underground injection identification number, assigned by EPA or the state, to a facility which injects chemical waste into class II to V wells. *Source:* **TRI_FACILITY_UIC.**UIC_NUM *Reference:* Part I, Section 4.10b
39	PARENT COMPANY NAME	C	Name of the corporation or other business entity that owns or controls the reporting facility. *Source:* **TRI_FACILITY.**PARENT_CO_NAME *Reference:* Part I, Section 5.1
40	PARENT COMPANY D&B NR	C	Unique identification number assigned by Dun and Bradstreet to the parent company of the reporting facility. *Source:* **TRI_FACILITY.**PARENT_CO_DB_NUM *Reference:* Part I, Section 5.2

Num.	Field Name	Type	Description
41	TECHNICAL CONTACT NAME	C	This field provides the name of the person to be contacted by EPA or state officials if clarification of the information reported on the form is required. *Source:* **TRI_FACILITY.** ASGN_TECHNICAL_CONTACT *Reference:* Part I, Section 4.3
42	TECHNICAL CONTACT PHONE	C	This field provides the telephone number, including area code, of the technical contact. *Source:* **TRI_FACILITY.** ASGN_TECHNICAL_PHONE *Reference:* Part I, Section 4.3